Xtreamer e-TRAYz

Personal Web Storage

User Guide

Download Manual in website

http://www.etrayz.net

Ultra-High Performance 2-Bay SATA Personal Web Storage

Contents

Overview **6**

Xtreamer e-TRAYz Info. **7**

Major Functions 7

Storing and Sharing Files via the e-TRAY 7

Transferring data and Forwarding links via the RapidBox 7

Syncing Folder between sysadmin via SyncFolder 7

Downloading Entertainment data via e-Downloader/e-Torrent 7

Storing Music files and Enjoying via iTunes 7

Website Hosting 8

USB Print Server 8

USB Copy 8

Specification 9

Appearance 11

LED 13

Button & Beef 13

Disk Bay 14

Xtreamer e-TRAYz Settings **15**

Basic Setup 15

Disk 15

Server name 16

Administrator Information 16

Mail Server 17

Time 18

Port 18

Router 20

DDNS 22

Internet Connection 23

Example of Internet Connection with a Router 23

Example of Router Setup 25

OS Re-installation 31

Re-installation 31
Settings 34
Access to e-TRAYz Home 34
Disk and Volume Management 34
RAID mode changing 34
Adding New disk 36
Using as External Disk 40
Power 42
Auto Shutdown 42
HDD Sleep mode 42
Upgrade Firmware 43
Current Firmware Info. 43
Download & Upgrade Firmware 43
Reset 44
Factory Reset 44
Configuration Reset 44
Router setup using UPnP 45
Backup & Recovery Firmware 48
Current Firmware Info 48
Backup & Recovery Firmware 48
File Storage & Sharing 50
Disk Type 50
System Folder 51
e-TRAYz 52
Run e-TRAYz(Windows) 53
Run e-TRAYz(Mac) 55
Disk Using 57
Disk Disconnect(Windows) 58
Disk Disconnect(Mac) 59
Setting(Windows) 60
Setting(Mac) 61
Share 62

Sharing options 66
Unshare 66
e-TRAYz web 67
File management 68
Linkmail 70
Linkcopy 71
Share 72
Sharing options 77
Unshare 78
RapidBox 79
File Upload 80
Recent Upload 81
Allow Guest access 82
e-Downloader 83
File Download 84
Extract 85
Download Option 86
Completed List 86
Settings 87
Download Setting 87
Premium Account info. 87
SyncFolder 89
Add Friends 89
Folder I Sync 90
Synchronize 90
Sync with more friends 91
Remove Sync 92
Getting Synced 93
Getting Synced 93
Sync Now 95
Recent Sync Info 96
Setup Sync schedule 96

Changing Syncfolder 97
Remove Sync 98
e-Torrent 99
Torrent RSS 100
Viewing the list of Torrent Files 100
Torrent Site Registration 101
Torrent Search 103
Torrent Download 104
File Download by using 'Torrent RSS' and 'Torrent Search' 104
File Download by using Torrent File Registration 105
EPKG 106
TheHijackers APP installer 107
ETC 108
Print Connection 108
Using iTunes 110
USB AutoCopy 111
Personal Homepage 112
Appendix 113
Application 113
FAQ 116
Troubleshooting 119

Overview

This USER GUIDE covers all major functions and management of Xtreamer e-TRAYz. Please refer to Online Guide for further details.

Xtreamer e-TRAYz Info.

Major Functions

Congratulation on your purchase of Xtreamer e-TRAYz. Xtreamer e-TRAYz is specially designed for the following purposes.

Storing and Sharing Files vie the e-TRAYz

Users can easily save and share files within the Intranet or through the Internet using 'e-TRAYz'. Especially, Windows users can easily use **e-TRAYz' Disk** just like **Network Drive** through the Internet.

Transfering data and Forwarding links via the RapidBox

Users can easily upload files onto e-TRAYz as well as to send a linkage of the file to others using RapidBox. If guest receive permission, the guest can transfer files to e-TRAYz' owner without user account on login browser.

Syncing Folder between sysadmin via SyncFolder

SyncFolder allow you to sync folders and share files with other users. After registering to 'friend' with IP(or domain) and setting, you and your 'friend' can share and sync folders each other. You can set up a Sync Schedule and synchronize the folders synced with me by using 'Sync Now' button right now.

Downloading Entertainment data via e-Downloader/e-Torrent

e-Downloader allow you to download sequentially the link of files divided by several parts from file sharing sites, such as Megaupload or Rapidshare. If you use e-Downloader function, you can download files onto e-TRAYz without authentication at each download. By using e-Torrent, you can download media files from the Internet through BitTorrent to Xtreamer e-TRAYz. If you have an UPnP DMA connected in the LAN, you can share the multimedia files on XTreamer e-TRAYz.

Storing Music files and Enjoying via iTunes

You can listen to the music saved in Xtreamer e-TRAYz by using iTunes client.

Website Hosting

Xtreamer e-TRAYz allows you to host website with Apache and PHP supported.

USB Print Server

You can share USB 1.1 Printers through the LAN.

USB Copy

The built-in 'Copy' button on the device allows instant copy of files from the USB device to Xtreamer e-TRAYz. (It can be used to connect to the upper 2.0 port).

Specification

Item		Xtreamer e-TRAYz
System	CPU	OXE8xx
	Memory	128MB
	Flash	4MB
HDD		3.5" HDD X 2
I/O Interface	USB port	Upper : 2.0 X 1 for Wireless LAN, USB Copy and USB External storage Bottom : 1.1 X 1 for print server and USB External storage
Buttons		Power, Reset, USB Auto-Copy
LAN	Wireless LAN	X 1 (802.11b/g/n, USB Type)
	Wired LAN	X 1 (Gbit)
FAN		Smart FAN X 1 (Auto Sensing)
Dimenstion(H X W X D)		120mm*81mm*182mm
Network	DHCP Server	YES
	Dynamic DNS	***.myetrayz.net
	Jumbo Frame	YES
Network File Protocol		CIFS, NFS, AFP
Additional Useful Protocol		FTP with SSL/TLS, SSH, Secure SMTP
Client Platform		e-TRAYz Web : Windows/Linux/Mac e-TRAYz Connector : Windows 2000, 2003, XP, Vista, Win7, Mac
Web Browser		Internet Explorer, Firefox (recommended)
Web Server		Apache, MySQL, SQLite, PHP
USB function		USB auto-copy, Volume Expansion, Wireless LAN, Printer Server
Multimedia		iTunes Music Server
		UPnP device, Port mapping
RapidBox		Non-member can upload file to admin
		URL Link mail & URL Link copy
		Recent Event
SyncFolder		Synch Folder I share
		Synch Folder shared with me
		Scheduled Synch
		Friend Management
e-TRAYz Connector		e-TRAYz Disk for admin's private space. Admin can share sub-folders with users
		Private Disk for users' private space
		Public Disk for sharing with local devices and USB auto copy
		External Disk for USB device
		Start on system startup

		System Tray
		Disk connect/disconnect
e-TRAYz Web File manager		e-TRAYz Disk for admin's private space. Admin can share sub-folders with users
		Private Disk for users' private space
		Public Disk for sharing with local devices(media player, game device, settop box etc.) and USB auto copy
		External Disk for USB device
		Create user account with e-mail address automatically
		Multi files upload / File&Folder download
		URL Link mail for Big sized file
		URL Link copy
e-Downloader	Plugins	Rapidshare.com, megaupload.com
	Settings	Premium account, Download control
e-Torrent		Torrent RSS, Torrent Search, Download
EPKG		phpMyAdmin, GrammaFone
RAID Level		RAID 1, Linear
System Management		Web-based Settings
		E-mail Alert
		Alarm Buzzer
		HDD/USB Disk Sleep mode
		Scheduled Power Off
		Resource Monitoring
Language		English, Korean

Limitations

1. Each Xtreamer e-TRAYz supports 1 USB printer.

Appearance

FRONT

REAR

Article Name	Location	Description
LED	Front	Display status of system, internal hard disk, USB device and so on.
FAN	Rear	The fan is built to exhaust waste heat out of Xtreamer e-TRAYz. It will start automatically when the server starts.
Copy	Rear	Pressing the button will copy the data from the connected USB device to the Xtreamer e-TRAYz' internal HDD.
USB Port	Rear	Xtreamer e-TRAYz offers 2 USB ports for adding additional external hard drives, USB printers, USB wireless LAN or other USB devices.
Reset	Rear	This is for the reset of Network setup.
		When the power switch is turned on while Reset button is pressing for 2~3 sec, a booting initialization is done. You need to boot this way when you reinstall software replacing internal hard disk.
LAN	Rear	The LAN port is where you connect RJ-4 cable to Xtreamer e-TRAYz.
Power Port	Rear	The power port is where you connect the AC power adapter.

LED

LED	Color	Status	Description
Power/Access	BLUE	Turned on	Connected power
		Blinking	Data read and write at HDD
		Turned off	Disconnected power
HDD A/HDD B	RED	Turned on	Disconnected or abnormal status of HDD A/B
		Turned off	At normal status of HDD A/B
USB	YELLOW	Cyclic Blinking	Installing software or not installed the software
		Non-Cyclic Blinking	Data read and write at USB device
Network	GREEN	Turned on	Connected LAN cable normally
		Turned Off	Disconnected LAN cable

Button and Beep

Button/Beep	Description
Copy	When the USB device is connected, this button is pressed for 1 sec and release, copy starts from USB device to internal disk(External Disk – USB_copy) with a single beep. During the copy, this button is pressed for 3 sec and released the copy stopped with 2 beep.
Reset	When this button is pressed for 3 sec, the network initialization is started with a single beep and completed with 2 beeps.
	When the power switch is turned on while Reset button is pressing for 2~3 sec, a booting initialization is done.
Single Beep	When system booting is completed.
	When system successfully recognizes the newly connected USB device.
	When USB copy is started.
	When the network initialization is started.
2 Beep	When USB copy is completed.
	When USB copy is canceled.
	When USB device is disconnected.
	When the network initialization is completed.

Disk Bay

Disk	Description
HDD A	The disk slit on the Front-right side. When you use only one disk, please insert here.
HDD B	The disk slit on the Front-left side. When a disk on the HDD A cannot be identified, please insert here.

Xtreamer e-TRAYz Settings

Basic Setup

After installing software, you can setup default settings using Setup Wizard. At initial setup, you must complete all steps to use the Xtreamer e-TRAYz.

The Setup Wizard automatically runs after login, and you can change the settings at any time

Disk

1. You can view information and status of the disk on the system and setup RAID mode.

Using 1 HDD

Using 2 HDD.

2. Set RAID mode of internal hard disk as Linear or RAID 1. If security is more important than disk capacity, choose the mirroring(RAID 1) mode, or if you want to use the maximum capacity of the disk, choose the expansion(Linear) mode.

Expansion(Linear) mode	The installed disks are integrated into one big logical disk: 2 physical 1-TB disks are treated as one 2-TB disk. If you are adding a new disk at expansion mode, all data of a new disk will be deleted.

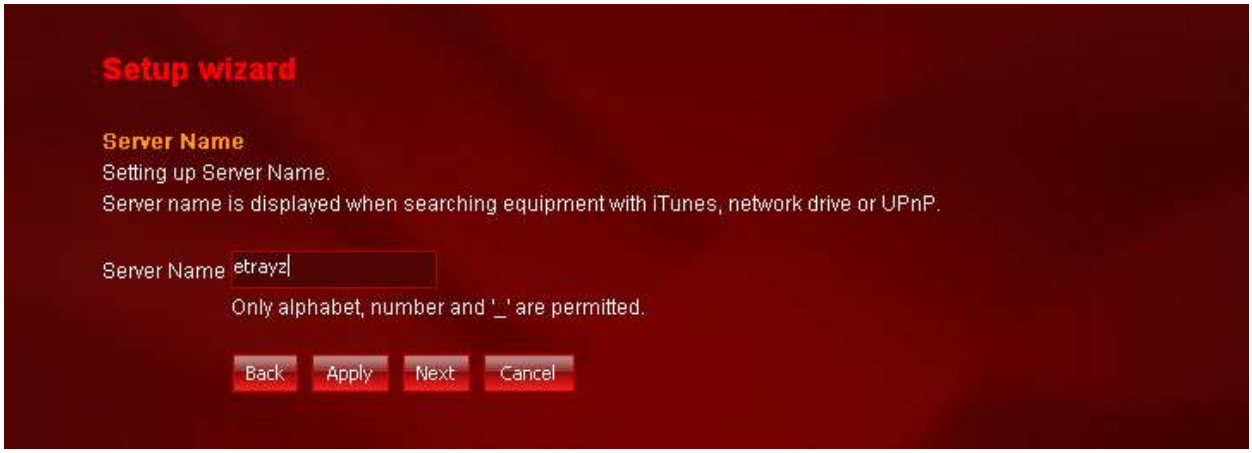
Mirroring(RAID 1) mode	The same data is copied on two different disks. Should one disk fail due to an error, you can still read the data from the other disk, provided that you have selected security mode. If possible, the same amount of disks should be used for Mirroring mode. And if you cannot, insert larger disk to HDD B.

3. Click **'Volume configuration'**. It may be take several minutes.

*** Please note that all data of existing disk will be deleted if you change RAID mode after setup disk configuration. You should back up important date before you change the disk configuration.**

Server Name

1. Server name is displayed when searching equipment with iTunes, network drive or UPnP. Enter alphabet, numbers, '_' or combination of those. Click 'Apply' button to save the set information.



Administrator Information

1. Set information of administrator. Input sysadmin's password, e-mail address and name. The ID of Administrator cannot be changed.

2. E-mail address is required to send Linkmail, Alarm mail and etc, so it must be accurately described.

Mail

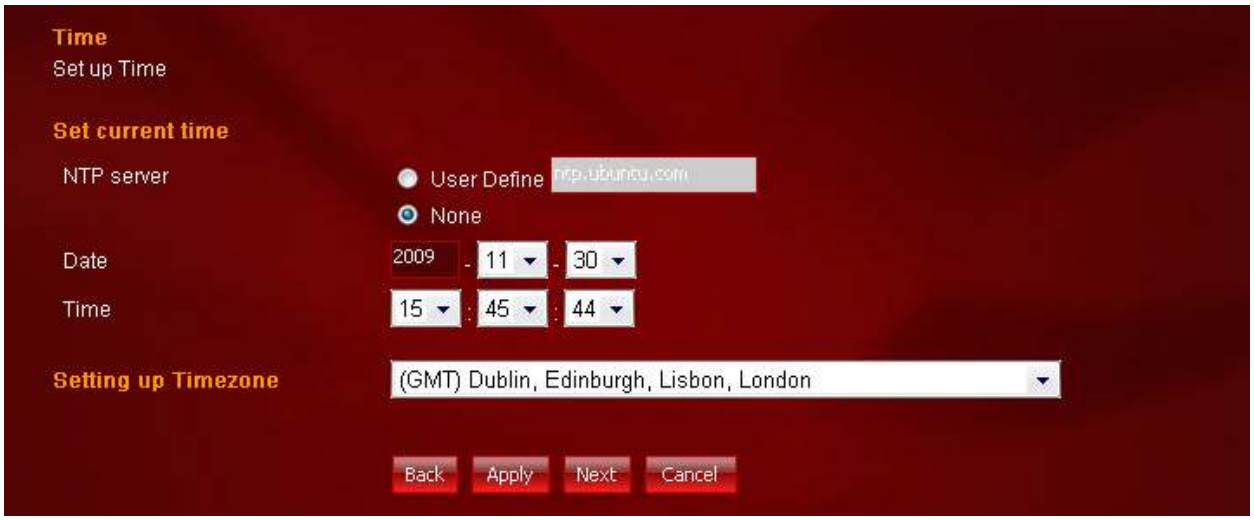
1. Set mail server.

If mail server is not set, mail-related functions, such as Link mail or alarm mail, etc, are not activated. Please set your mail server for useful e-TRAYz.

2. After mail setting, click 'sending test mail' and verify that mail sent correctly.

Time

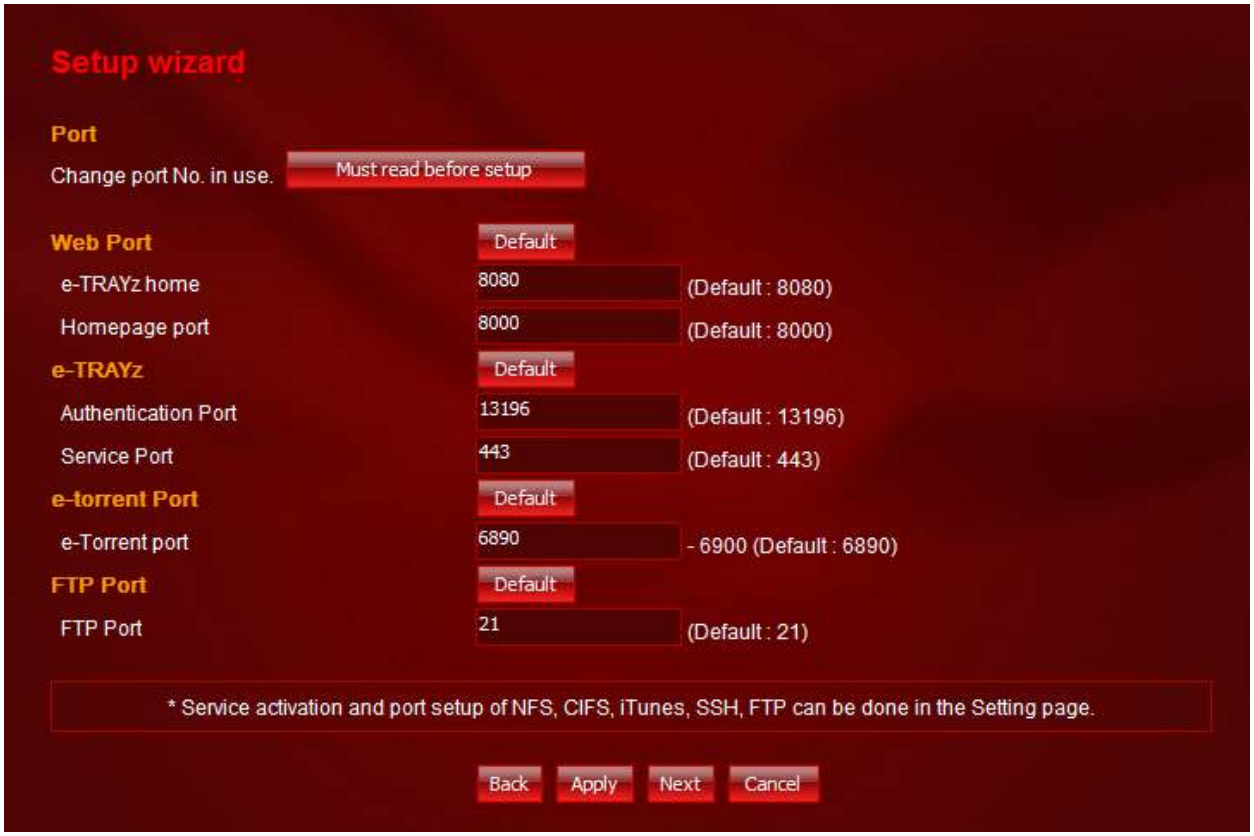
1. Set current time and Time zone.



2. If you don't use NTP server, set date and time manually.

Port

1. Set service port. You can set Web port, e-TRAYz authentication/Service port, e-torrent port and FTP port.



2. When you use router, each service port of router must be opened to access e-TRAYz through the internet.

Web port	Setup e-TRAYz Home port and e-TRAYz homepage port. Default port of e-TRAYz Home port is 8080, and of homepage is 8000. (ex. Homepage : http://xxx.myetrayz.net:8000/, e-TRAYz Home : http://xxx.myetrayz.net:8080/)
e-TRAYz port	Setup authentication port and service port of e-TRAYz. You must enter authentication port at connector. Each default port are 13196 and 443.
e-Torrent port	Setup e-Torrent port range. It can be set from 1024 to 65535 manually. The last port value is automatically set with (starting port + 10). Default starting port is 6890 and the last is 6900.
FTP port	Setup the FTP port. Default port of FTP is 21.

Router

Router setup is used to grant internet users access to an e-TRAYz on your network.

※ This step can be skipped if you are not connected to the Internet via a router.
※ Not all routers provide these functions. Different router models may use different terminology. For more detailed information, refer to the router's manual.

UPnP Port Mapping	UPnP port mapping can be used to access devices on your LAN from the Internet. Devices on the LAN are identified by a port number. Your router has to support UPnP Port mapping in order to use this function
DMZ	DMZ can be used to access a single device on your LAN from the Internet. If DMZ option is used then only e-TRAYz can be accessed.
Port Forwarding (Virtual Server)	Port Forwarding can be used to access devices on your LAN from the Internet. Devices on the LAN are identified by a port number.

※ We recommend to use DMZ because it is simpler to setup than Port Forwarding.
※ If you are using both DMZ and Port Forwarding simultaneously, Port Forwarding will be applied prior to DMZ.

Router Setting

- Connect the e-TRAYz to a router or modem via a LAN cable.
- Select one of two following options.

1. Using router's UPnP function.

(1) Login to your router and activate the UPnP function.

(2) Log out.

(3) Login to e-TRAYz main menu page and go to [Setup Wizard]-[Router] menu.

(3) Select 'Use router's UPnP function' button.

(4) Click 'Go to UPnP setup' button then UPnP setting page will appear.

(5) Mark 'Activate router port mapping function using UPnP' checkbox and then click 'Change Setup' button. Then you will see Port mapping settings.

(5) Enter a port number you want and click 'Apply' check box and 'Change Setup' button.

(6) Log out of e-TRAYz.

UPnP port mapping function may not work in following cases.

- If router does not support UPnP protocol
- If router's UPnP IGD can not communicate with e-TRAYz UPnP Client.
- Router may loose mapping information after a reboot. In this case you will need to configure it again.

2. Using router's DMZ or Port Forwarding(virtual server) function.

(1) Login to your router.

(2) For DMZ go to DMZ setup Menu. You may need to activate your router's Firewall first.
- enter IP address of e-TRAYz to IP input box.

(3) For Port Forwarding(Virtual Server),go to Port Forwarding setup menu.
- enter IP address of e-TRAYz to IP input box.
- enter port number used by e-TRAYz to port input box.
- enter protocol to protocol input box.

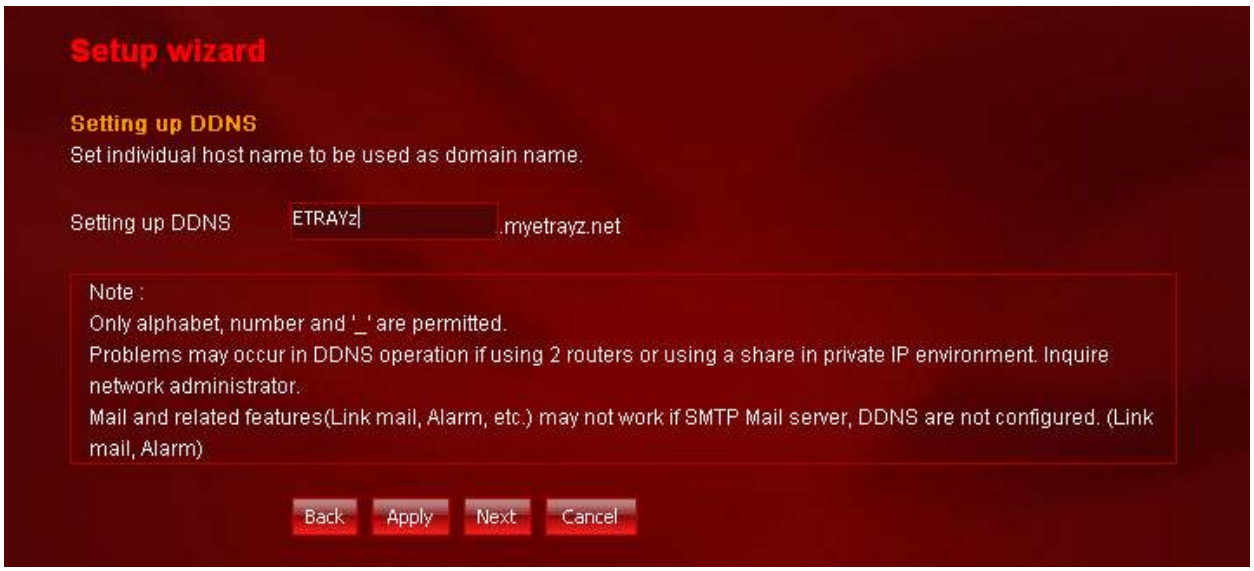
(4) Log out.

Function	Protocol	Port Number
Private Homepage	TCP	8000
e-TRAYz Home	TCP	8080

e-TRAYz Connector	TCP	443, 13196
e-Torrent	TCP	6890~6900
SyncFolder	TCP	873
SSH	TCP	22
FTP	TCP	20, 21

DDNS

1. DDNS is a domain to be used when logon to Xtreamer e-TRAYz from outside.


Setup wizard
Setting up DDNS
Set individual host name to be used as domain name.
Setting up DDNS
ETRAYz
.myetrayz.net
Note :
Only alphabet, number and '_' are permitted.
Problems may occur in DDNS operation if using 2 routers or using a share in private IP environment. Inquire network administrator.
Mail and related features(Link mail, Alarm, etc.) may not work if SMTP Mail server, DDNS are not configured. (Link mail, Alarm)
Back
Apply
Next
Cancel

2. If DDNS is not set, mail-related functions, such as Link mail or alarm mail, etc, are not activated. Please set your DDNS for useful e-TRAYz.
3. Problems may occur in DDNS operation if using 2 routers or using a share in private IP environment. Inquire network administrator.
4. DDNS works based on mac address. So if you intend to use a new server with a same Domain name, please should be delete a old one.

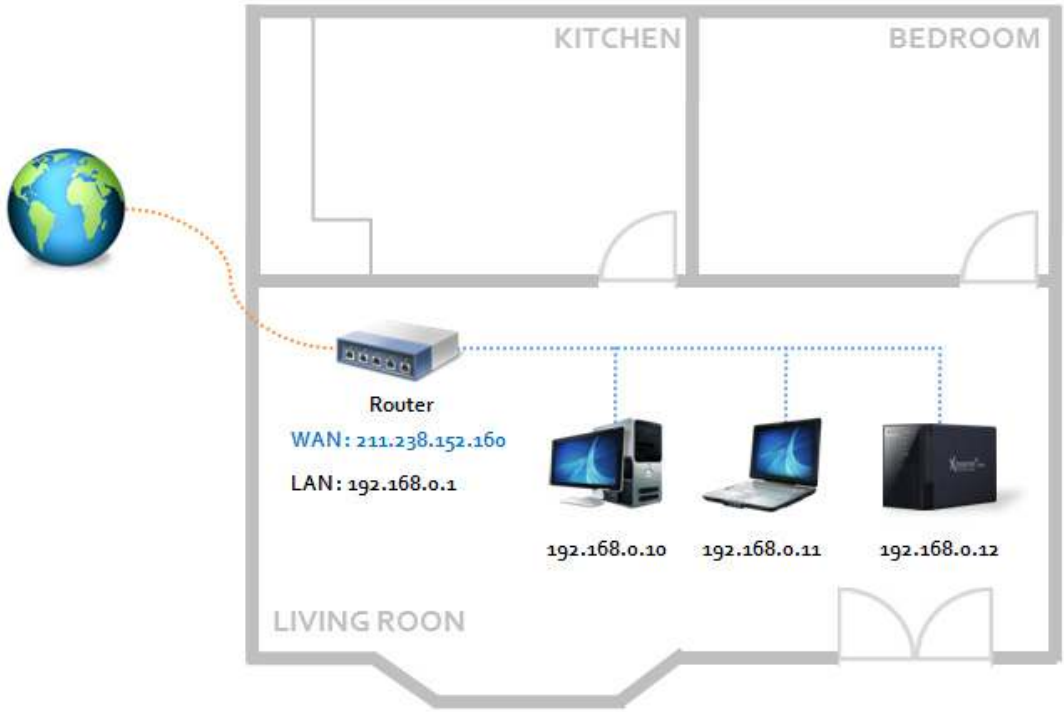
Notice.

1. At initial setup, you must complete all eight steps above to use a e-TRAYz. Even without changes on each pages, click 'Apply' button to complete all of the settings.
2. When you use router, it must be set to access Xtreamer e-TRAYz via the internet.
3. For useful mail-related functions, such as Link mail or alarm mail, etc, the mail server and DDNS must be set.

Internet Connection

Example of Internet Connection with a Router

Step 1. Configuration



- **IP address of e-TRAYz : 192.168.0.12**
- Port Number used by e-TRAYz

Function	Protocol	Port Number
Private Homepage	TCP	8000
e-TRAYz Home	TCP	8080
e-TRAYz Connector	TCP	443, 13196
e-Torrent	TCP	6890~6900
SyncFolder	TCP	873
SSH	TCP	22
FTP	TCP	20, 21

Step 2. Router Setting

Using UPnP (e-TRAYz setting)	- Enter a external port number you want and click 'Apply' check box and 'Change Setup' button.

Using DMZ **(router setting)**	- Enter 192.168.0.12 to IP input box
Using Port Forwarding **(Virtual Server)** **(router setting)**	- Enter 192.168.0.12 to IP input box. - Enter 8000, 8080, 443, 13196, 6890~6900, 873, 22, 20, 21 to port input box. - Enter TCP to protocol input box.

Step 3. Checking Internet connection

- Launch a web browser and try to access **http://211.238.152.160:8080(or Domain Name registered in DDNS).**

Example of Router Setup

Below shows examples of three popular venders. If you have other products, refer to its manual.

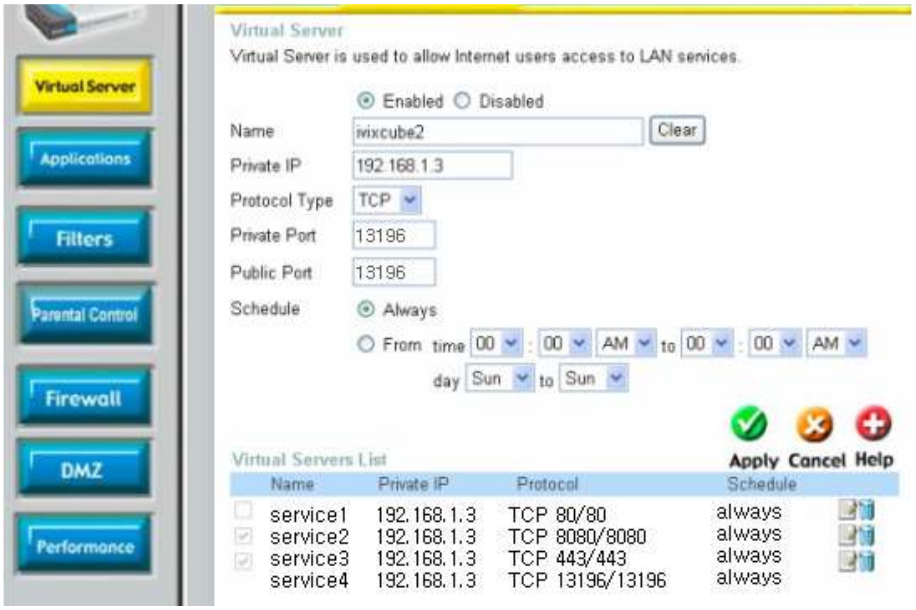
- **IP address of e-TRAYz : 192.168.1.3**

D-Link Router

DMZ Setting

1. Open your web browser and enter the IP address of your router. Enter username (admin) and your password (leave blank).
2. Click the **Advanced** tab and then click on the **DMZ** button.
3. Select **Enable** and type in the IP address of the Xtreamer e-TRAYz you want to use as DMZ host.
4. Click **Apply** and then Continue to save the changes.

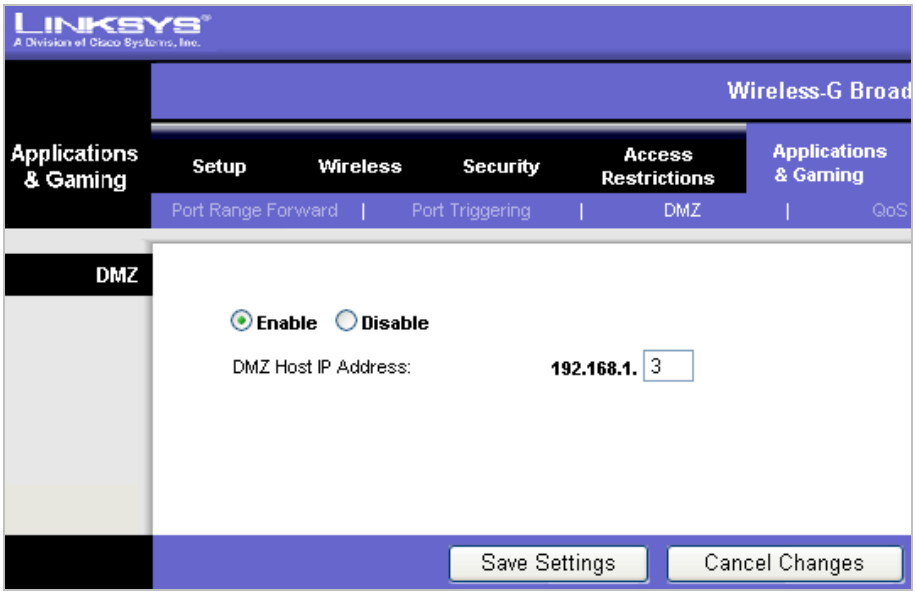
Virtual Server (Port Forwarding) Setting



1. Open your web browser and enter the IP address of your router. Enter username (admin) and your password (leave blank).
2. Click the **Advanced** tab and then click **Virtual Server** button.
3. Enter the Name for your virtual service. Enter the Private IP of the Xtreamer e-TRAYz on the LAN network that will be providing the virtual services.
   Choose the Protocol type used for the virtual service.(TCP)
4. Enter the **Private Port number** of the service being hosted by the server computer on the LAN.
   Enter the Public Port number that users on the Internet will use to access the virtual service. Choose the schedule of time when the virtual service will be active.
5. Click Apply and then continue to save the changes.

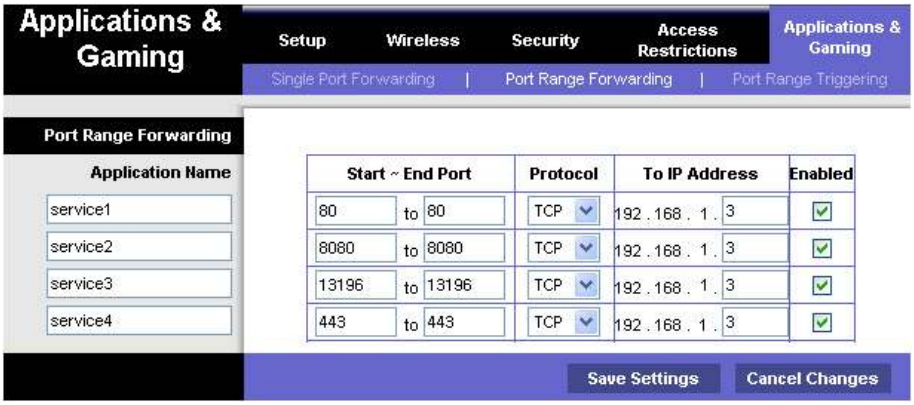
Linksys Router

DMZ Setting



1. Open your web browser and enter the IP address of your router. Enter username and your password(leave blank).
2. Click the DMZ menu and select the Enable button on Applications/gaming pages.
3. Enter the IP address of Xtreamer e-TRAYz you want to use as DMZ host.
4. Click **Save Settings** and then continue to save the changes.

Virtual Server (Port Forwarding) Setting



1. Open your web browser and enter the IP address of y our router. Enter username and your password(leave blank).
2. Click the **Applications & Gaming** menu and then click the **Port Range Forwarding** menu.
3. Enter the name in the Application name. (ex. e-TRAYz, e-Torrent and so on)
   - Enter the beginning port number in the Start.
   - Enter the ending port number in the End.
   - Choose TCP from the Protocol drop-down menu.
   - Enter the IP address of the server in the IP address

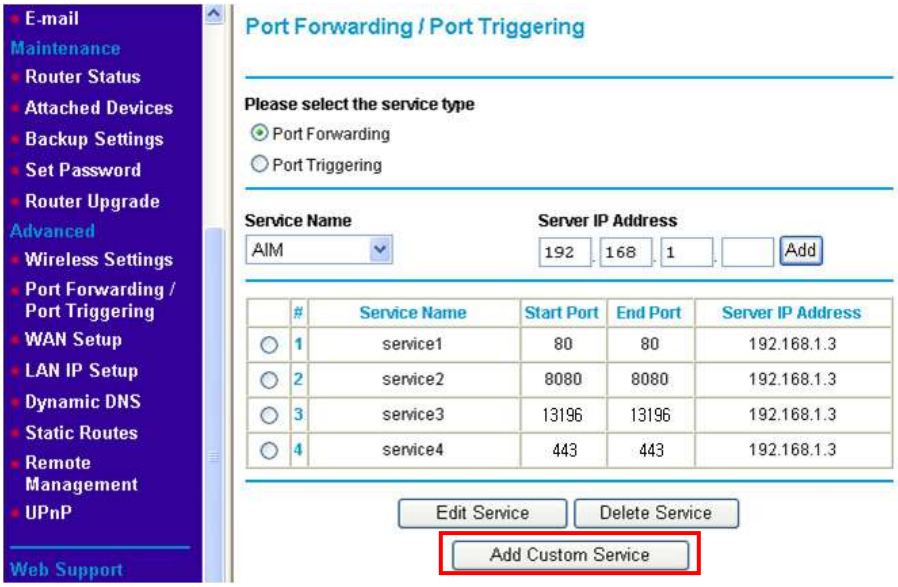
4. Click **Save Settings** and then continue to save the changes.

Netgear Router

DMZ Setting

1. Open your web browser and enter the IP address of your router. Enter username (admin) and your password (password).
2. Click the **WAN Setup** menu and then click the **Default DMZ Server** check box.
3. Enter the IP address of the Xtreamer e-TRAYz you want to use as DMZ host.
4. Click **Apply** and then Continue to save the changes.

Virtual Server (Port Forwarding) Setting



1. Open your web browser and enter the IP address of your router. Enter username (admin) and your password (password).
2. Click the **Port Forwarding/Port Triggering** menu.
3. Choose the **Port Forwarding**.
4. Click the **Add Custom Service** button.
   - Enter the service name in the Service Name.
   - Enter the beginning port number in the Starting Port.
   - Enter the same port number in the Ending Port.
   - Enter the IP address of the server computer in the Server IP Address.
5. Click Apply and then Continue to save the changes.

OS re-installation

When the following situation occurs, enable to reinstall OS without deleting data.

a. When the system works abnormal because of deleting files in the OS area
b. When disable to login after re-booting
c. When you want to initialize OS area.

After OS re-installation, sysadmin account can login normally. All user account will be deleted.(Data of users remains.) so Sysadmin must be create user accounts again. Please backup user's data through direct access to the user's folder with FTP, SSH, Telnet.

NOTE)

1. Re-installation is supported the version 1.0.5 or later.
2. Do not use mixed 'setup,exe', 'installglue', 'hdd.bin' files of version 1.0.5 with sub-version.
3. OS re-installation is not supported when the data partitions are damaged.

Re-installation

1. Turn off the e-TRAYz.
2. The power switch is turned on while Reset button is pressing. (The LED of USB will be turned off)
3. Run the setup file.

4. Click the **Install Now** button.

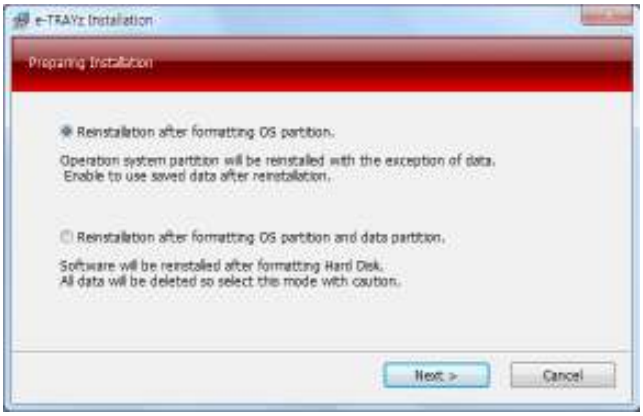
e-TRAYz Installation
This program help you to install an e-TRAYz you have purchased.
Before we proceed, please terminate as many running programs as possible to prevent possible conflict with other programs.
Press the NEXT button to continue.
Xtreamer e-TRAYz
Next >
Cancel

5. Click **Next** button.

e-TRAYz Installation
Agreement on Software Use
Read the following 'Agreement on Software Use'.
To installation, You must agree to the following information.
Agreement on Software Use
The following contents are important. Make sure to read and understand them thoroughly. This Agreement on Software Use ('Agreement' hereinafter) is a contract of use concluded between you (individual or corporation) and Xtreamer LTD in relations to using software for installation
Yes, I agree.
Next >
Cancel

6. Check 'Yes, I agree' and click Next button.

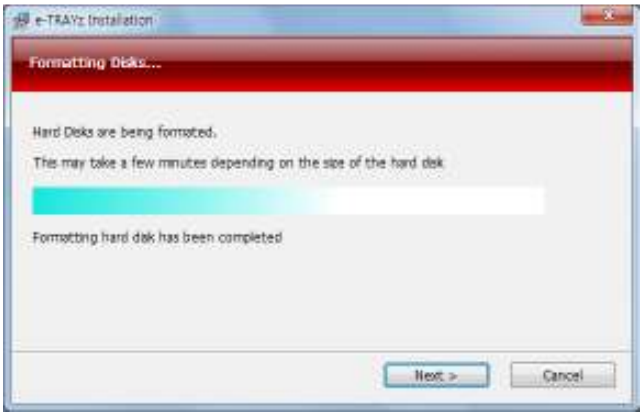
7. Enter installation key.


e-TRAYz Installation
Preparing Installation
Reinstallation after formatting OS partition.
Operation system partition will be reinstalled with the exception of data.
Enable to use saved data after reinstallation.
Reinstallation after formatting OS partition and data partition.
Software will be reinstalled after formatting Hard Disk.
All data will be deleted so select this mode with caution.
Next >
Cancel

8. When the OS re-installation possible, such as the window on the left is created. Choose 'Reinstallation after formatting OS partition' and click Next button.

setup
The OS partition will be formatted.
After formatting OS partition, all data will be removed except for User data area(/home).
* Settings value initialize to factory default.
* Existing user data will remain and you can check it with logging in to an FTP or SSH when you want.
Would you like to format it now?

9. Click 'Yes' button.


e-TRAYz Installation
Formatting Disks...
Hard Disks are being formated.
This may take a few minutes depending on the size of the hard disk
Formatting hard disk has been completed
Next >
Cancel

10. After formatting, re-installation is in progress.

11. After completing the installation, login the web and go to the setup wizard.
12. Check the data area is properly plugged.

Settings

You can manage all of your Xtreamer e-TRAYz setting at 'Settings' page. Each page provides comments to help management and you can find more information with 'Settings' manual.

Access to e-TRAYz Home

1. Open the Web browser.
2. Enter **http://Xtreamer e-TRAYz IP address(or Domain):8080/**. (Domain is the DDNS which set at Setup Wizard page. ex. eunicorn.myetrayz.net)
   * If you forgot the IP address or could not access to e-TRAYz home with a IP address after rebooting, please check the IP address of server using UPnP. For more information, refer to [Appendix] – [Application] – [If you want to fine an IP address auto] item of this manual.
3. It will take you to the Login page of e-TRAYz Home.
4. Enter ID and Password. The ID for management is **sysadmin**.
5. Click '**Login**' button.
6. Click '**Settings**' icon for managing of e-TRAYz server.

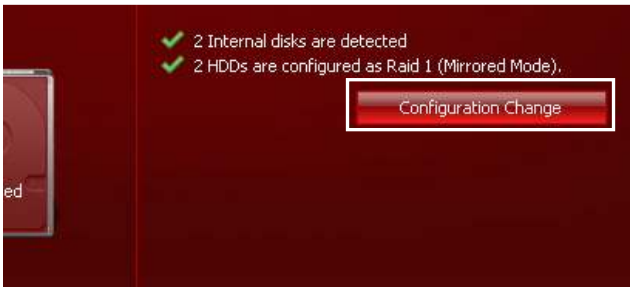
Disk and Volume Management

You can add a new disk or change RAID mode at [Settings] – [System] – [Disk] page or [Setup Wizard] –[Disk] step.

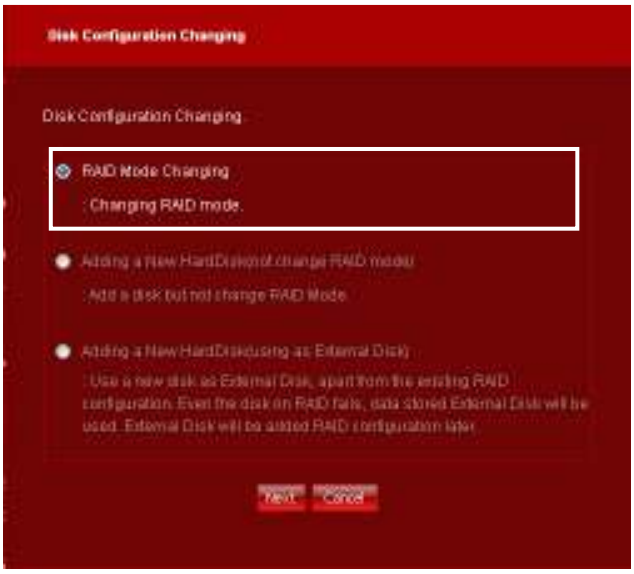
RAID mode changing

You can change the RAID mode regardless of the number of disks. Xtreamer e-TRAYz supports Linear mode and RAID 1(mirroring) mode.

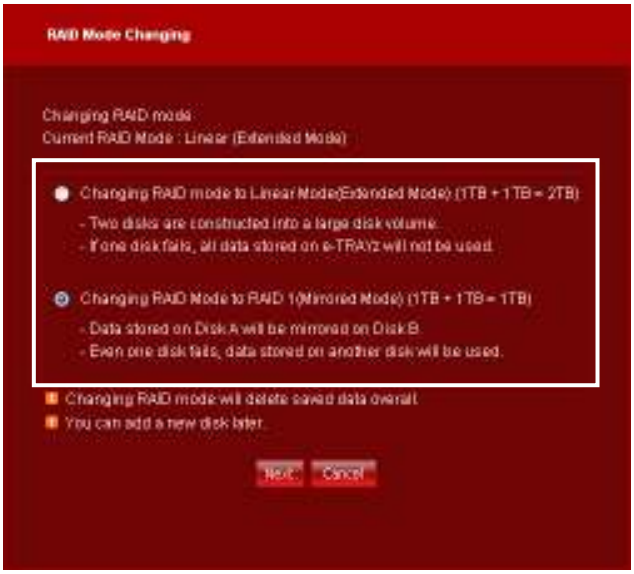
If you change the RAID mode, all data and partition information of disk are deleted, so you need to backup first.



1. Click **Configuration Change** button and move to Setup wizard to change disk configuration.
   Click **Configuration Change** button on the bottom of page.



2. Choose **RAID Mode changing** and click **Next** button.


RAID Mode Changing
Changing RAID mode
Current RAID Mode : Linear (Extended Mode)
Changing RAID mode to Linear Mode(Extended Mode) (1TB + 1TB = 2TB)
- Two disks are constructed into a large disk volume.
- If one disk fails, all data stored on e-TRAYz will not be used.
Changing RAID Mode to RAID 1(Mirrored Mode) (1TB + 1TB = 1TB)
- Data stored on Disk A will be mirrored on Disk B.
- Even one disk fails, data stored on another disk will be used.
Changing RAID mode will delete saved data overall.
You can add a new disk later.
Next
Cancel

3. Check current RAID Mode. If current RAID mode is Linear, you can change mode to RAID 1. Click **Next** button.

RAID Mode Changing
Changing RAID mode
* Current RAID Mode : Raid 1 (Mirrored Mode)
* New Mode : Linear (Extended Mode)
If you change RAID mode, all the previous disk partitions and data will be removed.
Do you want to change RAID mode?
Next
Cancel

4. Check changes again, and click OK button. RAID changing will be started.

Adding New Disk

You can add a disk such as Additional Disk or Single Disk to current RAID configuration.

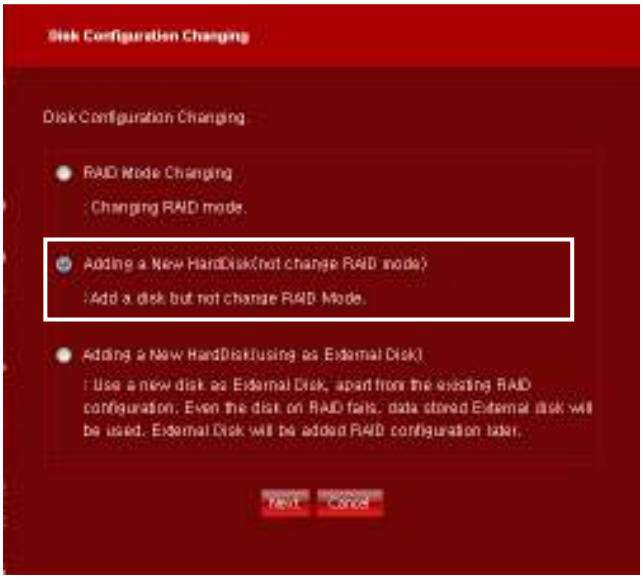
*** If you add a disk to current RAID configuration, all data of existing disk are remained and new disk's are deleted.**

*** If you change RAID mode after adding a new disk, all data of existing disk will be deleted.**

*** If possible, the same amount of disks should be used for RAID 1 mode. And if you cannot, insert larger disk to HDD B.**

1) Add a disk(not change RAID mode) : **Linear -> Linear or RAID 1 -> RAID 1**

13. Click **Configuration Change** button and move to Setup wizard to change disk configuration.
    Click **Configuration Change** button on the bottom of page.


Disk Configuration Changing
Disk Configuration Changing
RAID Mode Changing
: Changing RAID mode.
Adding a New HardDisk(not change RAID mode)
: Add a disk but not change RAID Mode.
Adding a New HardDisk(using as External Disk)
: Use a new disk as External Disk, apart from the existing RAID configuration. Even the disk on RAID fails, data stored External disk will be used. External Disk will be added RAID configuration later.
Next
Cancel

2. Choose **Adding a New HardDisk (not change RAID mode)** and click **Next** button.

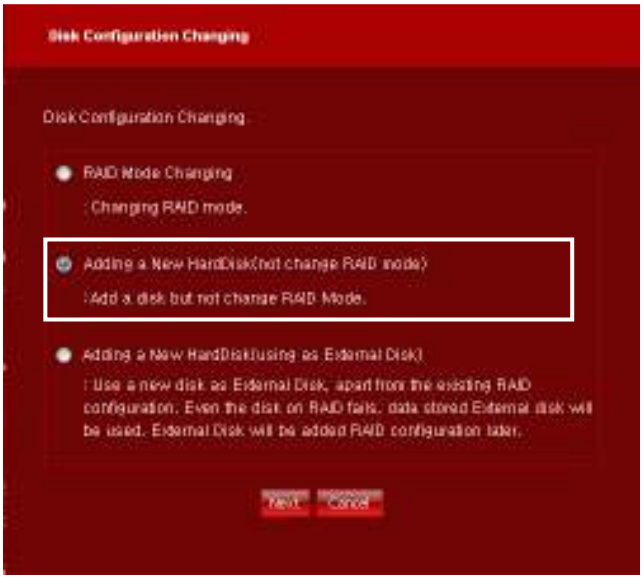
Adding a New HardDisk(not change RAID mode)
Add a disk but not change RAID Mode.
Current RAID Mode : RAID 1
Current disk volume size : 497.53 GB
New volume size : 497.59GB
If you add a new disk into current RAID Volume, data in current RAID volume is preserved, but partitions and data in the new disk will be removed.
Do you want to add a new disk into current RAID volume?
Next
Cancel

3. Check current RAID mode and Disk capacity.
   Click **OK** button, the configuration changing will be started.

2) **Add a disk(change RAID mode) :** Linear -> RAID 1 or RAID 1 -> Linear

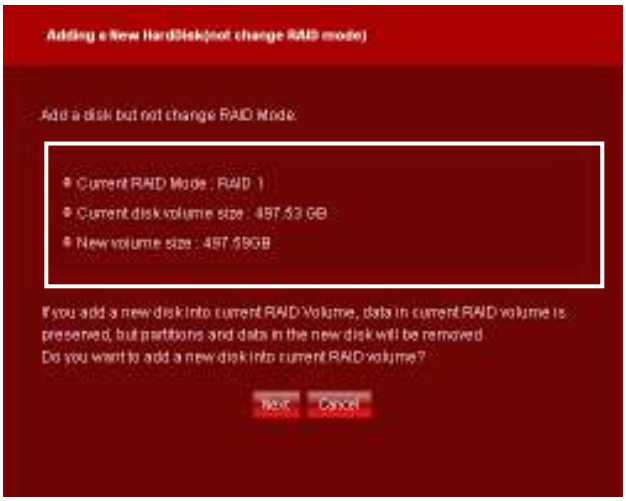
If you want to change RAID mode after adding a disk, first of all, add disk to current RAID configuration, then change the RAID mode. *** If you change RAID mode, all data of existing disk will be deleted.**

1. Click **Configuration Change** button and move to Setup wizard to change disk configuration. Click **Configuration Change** button on the bottom of page.

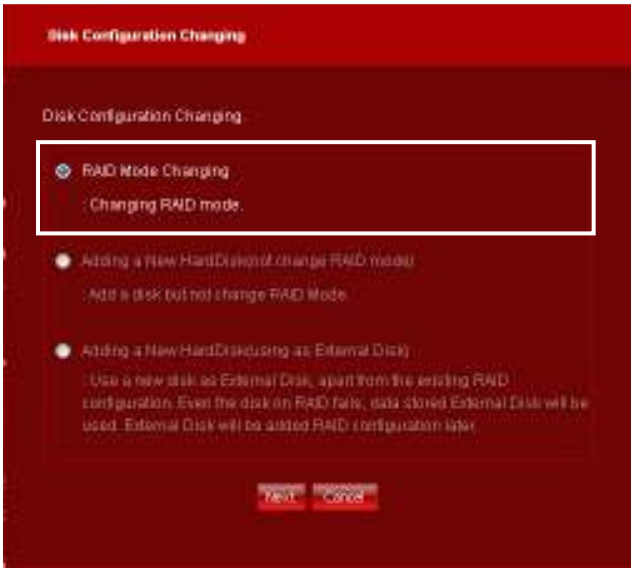

Disk Configuration Changing
Disk Configuration Changing
RAID Mode Changing
: Changing RAID mode.
Adding a New HardDisk(not change RAID mode)
: Add a disk but not change RAID Mode.
Adding a New HardDisk(using as External Disk)
: Use a new disk as External Disk, apart from the existing RAID configuration. Even the disk on RAID fails, data stored External disk will be used. External Disk will be added RAID configuration later.
Next
Cancel

2. Choose **Adding a New HardDisk (not change RAID mode)** and click **Next** button.

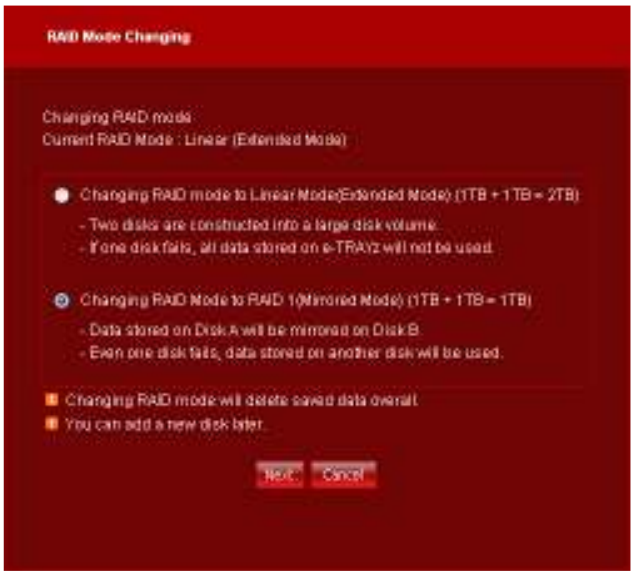
   *** If possible, the same amount of disks should be used for RAID 1 mode. And if you cannot, insert larger disk to HDD B.**


Adding a New HardDisk(not change RAID mode)
Add a disk but not change RAID Mode.
* Current RAID Mode : RAID 1
* Current disk volume size : 497.53 GB
* New volume size : 497.59GB
If you add a new disk into current RAID Volume, data in current RAID volume is preserved, but partitions and data in the new disk will be removed.
Do you want to add a new disk into current RAID volume?
Next
Cancel

3. Check current RAID mode and Disk capacity.
   Click **OK** button, the configuration changing will be started.
4. When the changing is over, log in again and run Setup Wizard.
5. Click **Configuration Change** button on the bottom of [Disk] page.



6. Choose **RAID Mode changing** and click **Next** button.


RAID Mode Changing
Changing RAID mode
Current RAID Mode : Linear (Extended Mode)
Changing RAID mode to Linear Mode(Extended Mode) (1TB + 1TB = 2TB)
- Two disks are constructed into a large disk volume.
- If one disk fails, all data stored on e-TRAYz will not be used.
Changing RAID Mode to RAID 1(Mirrored Mode) (1TB + 1TB = 1TB)
- Data stored on Disk A will be mirrored on Disk B.
- Even one disk fails, data stored on another disk will be used.
Changing RAID mode will delete saved data overall.
You can add a new disk later.
Next
Cancel

7. Choose **Linear Mode** or **RAID 1** Mode and click **Next** button.

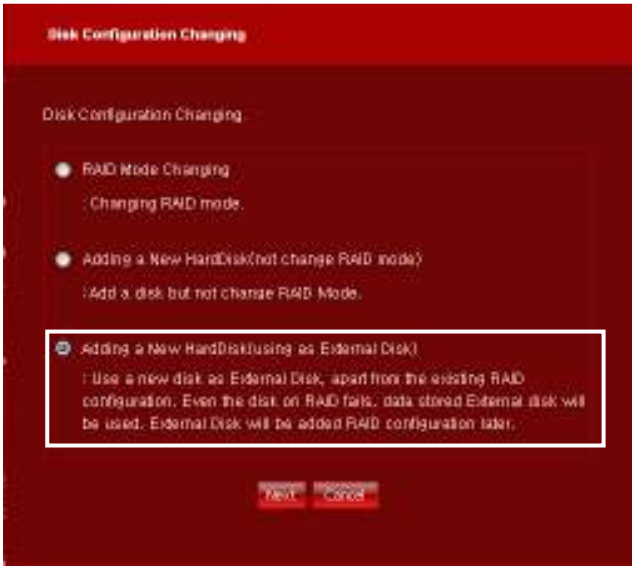
RAID Mode Changing
Changing RAID mode
Current RAID Mode : Raid 1 (Mirrored Mode)
New Mode : Linear (Extended Mode)
If you change RAID mode, all the previous disk partitions and data will be removed.
Do you want to change RAID mode?
Next
Cancel

8. Check changes again, and click OK button. RAID changing will be started.

Using as External Disk(not including to RAID)

You can use an additional disk as external disk. The External Disk will be added to RAID configuration later.

1. Click **Configuration Change** button and move to Setup wizard to change disk configuration. Click **Configuration Change** button on the bottom of page.


Disk Configuration Changing
Disk Configuration Changing
RAID Mode Changing
: Changing RAID mode.
Adding a New HardDisk(not change RAID mode)
: Add a disk but not change RAID Mode.
Adding a New HardDisk(using as External Disk)
: Use a new disk as External Disk, apart from the existing RAID configuration. Even the disk on RAID fails, data stored External disk will be used. External Disk will be added RAID configuration later.
Next
Cancel

2. Choose **Adding a New HardDisk (using as External Disk)** and click **Next** button.

Adding a New HardDisk(using as External Disk)
Use a new disk as External Disk
Using after Formatting
- Disk will be formatted. All the partitions and data in the disk will be cleaned.
- If your HDD is new and not formatted, please format it first.
Using without Formatting
- Partions and data in the disk is preserved.
- Partitions formatted by windows file system(NTFS) will be mounted with read-only previledge.
Next
Cancel

3. Determine whether to format or not, and click **OK** button.
   - **Using after formatting** : Disk will be formatted. All the partitions and data in the disk will be cleaned. If your HDD is new and not formatted, please format it first.
   - **Using without formatting** : Partitions and data in the disk is preserved. Partitions formatted by windows file system will be mounted with read-only privilege.

4. You can check that the disk has mounted as External HDD.

CAUTION.

Please keep the power ON during RAID mode changing. Otherwise system or data may be damaged.

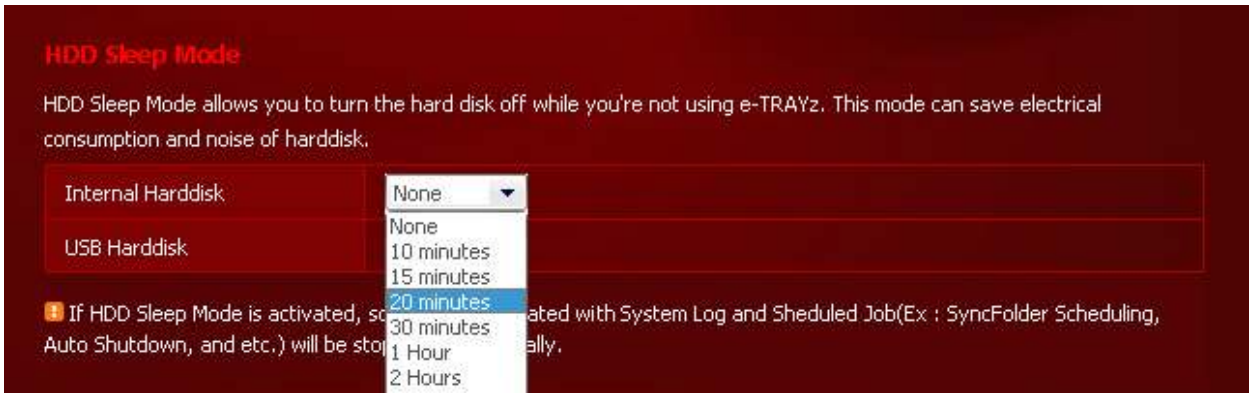
Power

Auto Shutdown

Xtreamer e-TRAYz provides **Auto shutdown** function that it enable to turn off power automatically.
Move to [Settings] – [System] – [Power] page. Choose **Auto Shutdown Activation** and setup time.
*** To work correctly auto shutdown, Time must be set correctly. Please check time settings at [Settings] – [System] – [Time] page.**

HDD Sleep mode

HDD Sleep Mode allows you to turn the hard disk off while you're not using e-TRAYz. This mode can save electrical consumption and noise of hard disk.
Move to **[Settings] – [System] – [Power]** page. Select time for sleep mode of internal disk and USB disk and click Apply button.


HDD Sleep Mode
HDD Sleep Mode allows you to turn the hard disk off while you're not using e-TRAYz. This mode can save electrical consumption and noise of harddisk.
Internal Harddisk
None
USB Harddisk
None
10 minutes
15 minutes
20 minutes
30 minutes
1 Hour
2 Hours
ated with System Log and Sheduled Job(Ex : SyncFolder Scheduling,
Auto Shutdown, and etc.) will be sto
ally.

Upgrade Firmware

Xtreamer e-TRAYz loads the upgraded firmware information in the center automatically, you can download firmware files and upgrade easily without the cumbersome process.

Move to [Settings] – [System] – [Upgrade] page.

Current Firmware Info.

Check current firmware version and recent upgrade date. Set directory for firmware download and the new files are saved automatically when you download firmware files. Default directory for firmware download is **e-TRAYz Disk/ New_Firmware_List**. Users can change download folder what they want.

Download & Upgrade Firmware

Download firmware files that are improved performance or added new features. You can upgrade firmware with downloaded files.

For more information about firmware files, click ? button. Click **Download** button on the right side and download firmware file. Upgrade firmware with downloaded file. **You must run firmware upgrade step by step.**

You can store downloaded firmware files on your PC to click file name and upgrade firmware later.

After the upgrade is complete, the system can be rebooted. After reboot, please connect again.

*** Configuration information and data are preserved, so backup or recovery is not required.**

Reset

System can be initialized as a factory default or all configuration values initialization.

Factory Reset

System will be initialized as a factory default. All configuration including user account will be initialized and all data will be removed.
e-TRAYz software should be re-installed after factory reset.

Configuration Reset

Disk settings and user account information(data) are retained and the following configuration information is initialized.

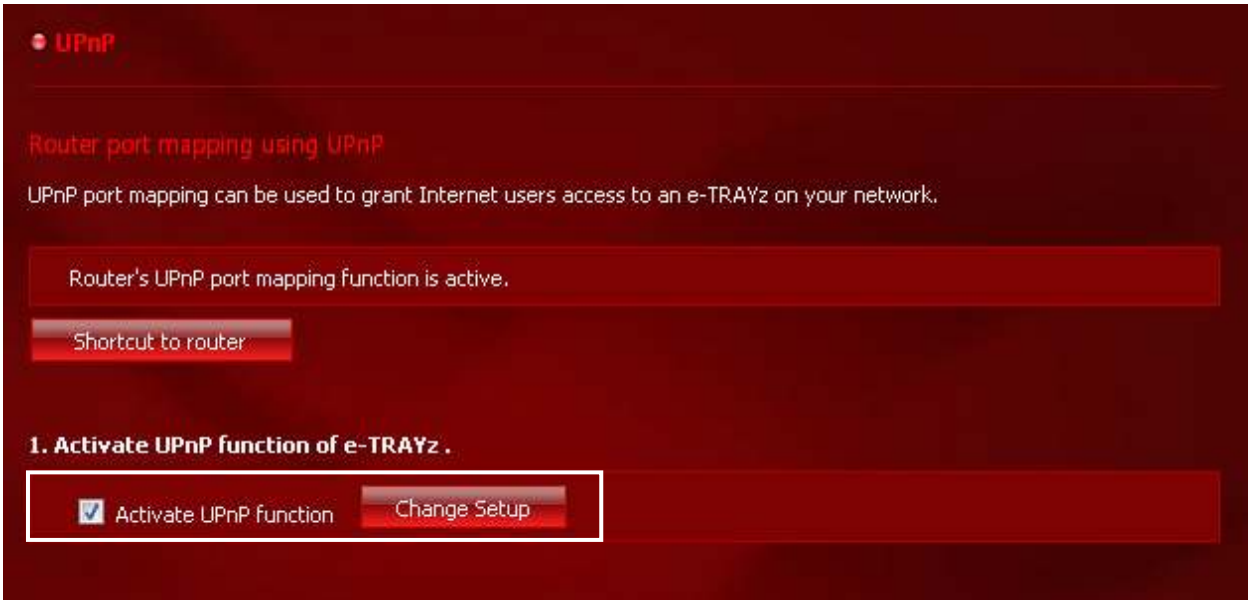
Network Setup	Network IP is initialized to get information from the DHCP server and when cannot get IP address from DHCP server, IP will be set to 192.168.0.199.
Port Setup	Port values of all service will be initialized with the default settings.
SMTP Setup	The SMTP setup is initialized.
Service Setup	Configuration information for each service is initialized.

Router Setup using UPnP

When you use router, you need to setup router to access e-TRAYz via the internet. When you use the router's UPnP function, port can be simply set without complex setup such as DMZ or Port forwarding. *** This case is only available if you use a router which supported UPnP function.**

Move to [Settings] – [Service] – [UPnP] page.

A. Activate UPnP function of the IP router. (Refer to router's guide)
B. Activate **UPnP port mapping** of Xtreamer e-TRAYz. Check **Activate UPnP function** and click **Change Setup** button.


UPnP
Router port mapping using UPnP
UPnP port mapping can be used to grant Internet users access to an e-TRAYz on your network.
Router's UPnP port mapping function is active.
Shortcut to router
1. Activate UPnP function of e-TRAYz .
Activate UPnP function
Change Setup

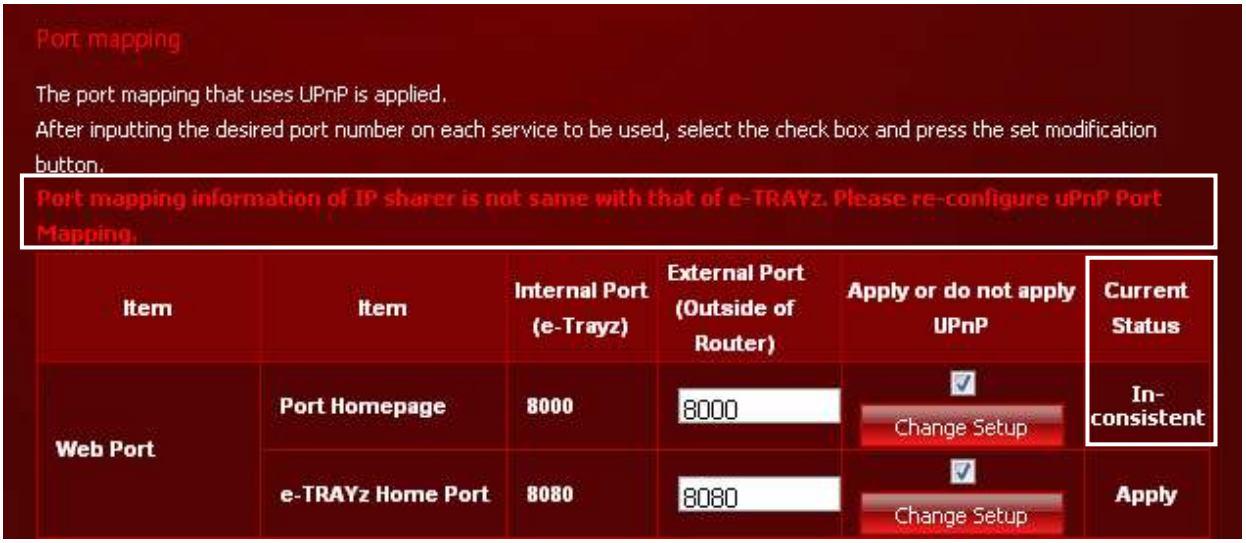
C. Apply the port mapping by using UPnP.

D. Input the desired port number in each service to be used. If you want to use the default values, you don't have to enter values.

E. Select the check box and click the **Change Setup** button. You can apply one at a time.

F. If the 'Current state' is **Apply**, the port mapping is completed successfully.

G. If the 'Current state' is **Inconsistent** and display the following message, please click the **Change Setup** button once more.


Port mapping
The port mapping that uses UPnP is applied.
After inputting the desired port number on each service to be used, select the check box and press the set modification button.
Port mapping information of IP sharer is not same with that of e-TRAYz. Please re-configure uPnP Port Mapping.
Item
Item
Internal Port (e-Trayz)
External Port (Outside of Router)
Apply or do not apply UPnP
Current Status
Web Port
Port Homepage
8000
8000
Change Setup
In-consistent
e-TRAYz Home Port
8080
8080
Change Setup
Apply

Backup & Recovery Firmware

If you need to run firmware backup because of Disk configuration changes or etc, you can backup all of the firmware and configuration information and restore it again. *** Data backup is not supported.**

Move to [Settings] – [Backup] – [Firmware Backup] page.

Current Firmware Info.

Check current firmware version and recent upgrade date. Set directory for firmware backup and the backup files are saved automatically when you run backup the firmware. Default directory for firmware backup is **e-TRAYz Disk/ Firmware_Backup.** The Firmware Backup Folder will be create automatically when you backup.

Backup & Recovery Firmware

1. Click **Backup** button on the right side.

2. **etrayz_Firmware version_Full(Config)_Backup_Date created.bin** file is created.

3. If you want to restore, click Recovery button on the right side of a file name. **forget that the firmware version of backup files and current firmware version are must be the same.**

4. You can store Backup files on your PC to click file name and recover later.

5. Click **Delete** button if you want to delete useless backup files.

File Storage & Sharing

File Storage & sharing are the most important function of Xtreamer e-TRAYz.
Users can easily save and share files within the Intranet or through the Internet using 'e-TRAYz'. Especially, Windows users can easily use **e-TRAYz' Disk** just like **Network Drive** through the Internet.

Disk Type

Xtreamer e-TRAYz provides four kinds of disk types.

Disk Name	Description
e-TRAYz Disk	e-TRAYz Disk is a private space for sysadmin. Sysadmin can create new folders and upload files freely, and also can share some folders to other users. General user can use the folders shared by sysadmin. If sysadmin shares a folder on his e-TRAYz Disk with 'read' or 'read/write' privilege, that folder will be generated on e-TRAYz Disk of general user. General user can't create new folder on e-TRAYz Disk however can upload/download files depending on access privilege.
Public Disk	Public Disk is a drive to share with other equipment in network. Xtreamer(Media Player & Streamer) and other equipments connected to the network can access to this drive. Sysadmin also can share some folders on Public Disk to all users, then all users can use them with 'read/write' permission only. General user can use not the public disk but some folders on the Public Disk shared by sysadmin. The Shared folders will be generated on e-TRAYz Disk of general user. *** Cannot share files in the Public Disk, a folder must be created for sharing.**
External Disk	External Disk is a drive for USB memory or USB external HDD. If there is no USE device connected to e-TRAYz, External Disk will not be generated. Also you can't share some folders in External Disk to other users. General user not sysadmin can't use External Disk.
Private Disk	Private Disk is a dedicated folder of individual user not administrator (sysadmin). Individual user can upload/download files freely but can't share them with other users.

System Folder

Xtreamer e-TRAYz provides 'System folder' which are created by default for specific features such as auto copy, e-Downloader, RapidBox and so on. There is no right to delete at 'e-TRAYz web'.

System Folder	Location	Description
RapidBox	e-TRAYz Disk	It is a folder which stores the uploaded file by using RapidBox function.
www	e-TRAYz Disk	It is a folder for personal homepage. Upload the homepage files to WWW folder. Enter "**http://Domain name or IP address:8000**" to see your homepage.
Firmware_Backup	e-TRAYz Disk	It is a folder which stores the backup files for firmware. This folder will be automatically created if you proceed firmware backup.
New_Firmware_List	e-TRAYz Disk	It is a folder which stores the new firmware files. This folder will be automatically created if you proceed firmware update.
Music(iTunes)	Public Disk	It is Linked with iTunes Program. When you save music files in this folder, them can be run directly from the iTunes program.
eDownloader	Public Disk	It is a folder which stores the downloaded file by using eDownloader function. * Administrator(sysadmin) can change the folder(download location). Refer to [eDownloader]-[Settings].
eTorrent	Public Disk	It is a folder which stores the downloaded file by using eTorrent function. * Administrator(sysadmin) can change the folder(download location). Refer to [Settings]-[Service]-[e-Torrent].
USB_Copy	Public Disk	It is a folder which stores the uploaded file by using USB Copy function.

CAUTION)

In Windows explorer, it is possible to delete the system folder, but please be careful not to delete the system folder.

e-TRAYz

e-TRAYz supports functions to store my data on e-TRAYz server as well as to share it with others on equivalent interface with Windows explorer at internal network environment and external internet environment.

*** e-TRAYz is allowd on Windows 2000, 2003, XP, Vista, and Windows7 environments. The e-TRAYz edition for MAC OS X will be supported later.**

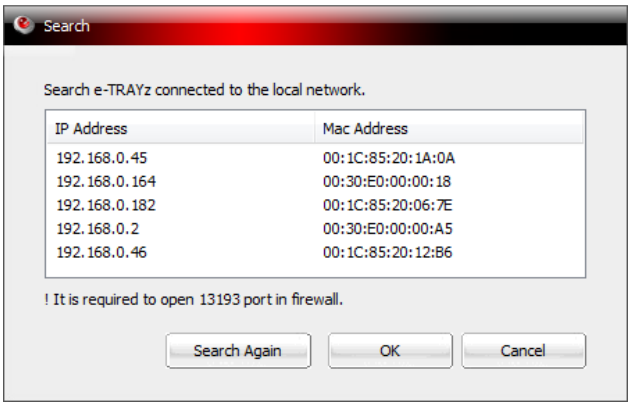
Since e-TRAYz is connected with local computer as like network drive, such as C:₩ or D:₩ hard disk drive, you can store, move, copy, update, delete, and execute files conveniently on (or from) e-TRAYz without using FTP program or complicated up/download.
You also can simply share files with others by creating user account conveniently to set up sharing function.

To use e-TRAYz functionality, first of all, You need to install e-TRAYz connector on my PC. You can download e-TRAYz connector from right upper side of web login page (http://IP address:8080/).

Install the connector program accordance with the procedures. When Device driver-related message comes up, click the install button to continue.
After installation, please reboot the PC and use the Xtreamer e-TRAYz.

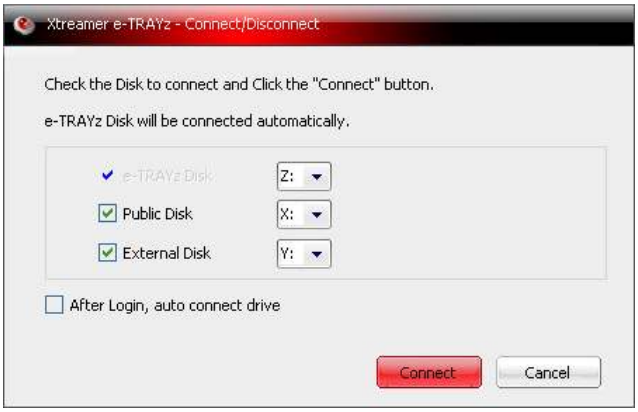
Run e-TRAYz(Windows)

1. Double click the e-TRAYz icon created on desktop after installation of e-TRAYz connector.



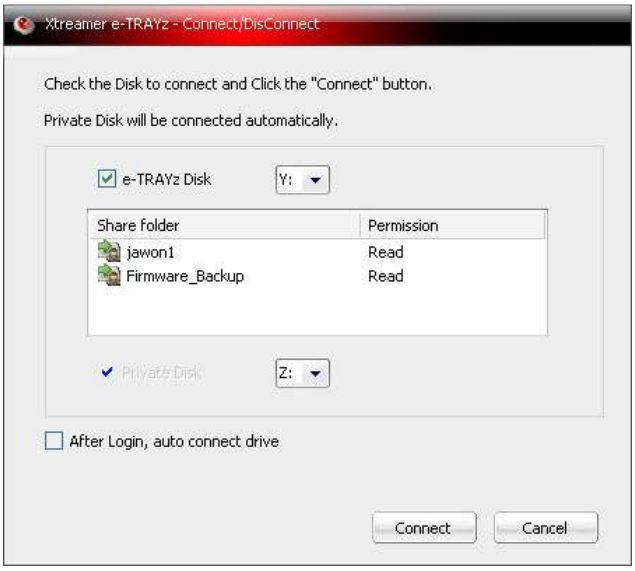
2. Enter IP address of the device to access. If you can't remember the IP address, click the Search icon.
3. Devices on the same network is detected. (Detector is not supported in the external network)
4. Select device to access and click 'OK' button.

5. Input IP address of e-TRAYz Disk to connect and password created after install, and then click login button. (If you click 'save ID' and 'Auto Login', you can conveniently login next time.)



[When administrator account access]

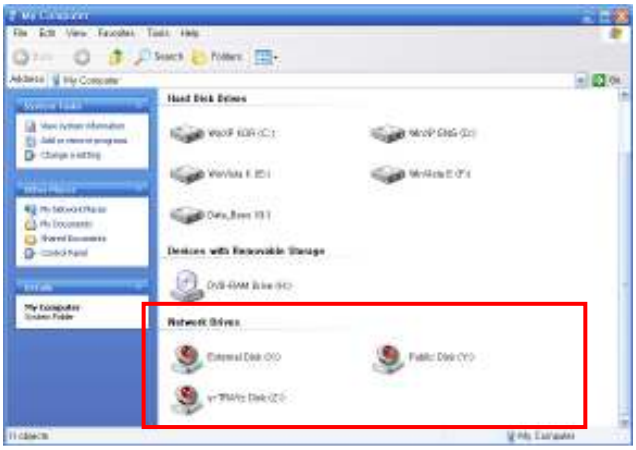
6. e-TRAYz Connect/Disconnect window is activated. In this window, e-TRAYz Disk, and Public Disk are basically connected.
   In this case, you can select drive name.
7. If there is no USB external disk, External Disk is not connected.
8. If you click **'After Login, auto connect drive**', it is automatically logged in next time without disk selection phase.



[When user account access]

9. The '**Private Disk'** for personal space and the '**e-TRAYz Disk**' shared by sysadmin are connected. 'Private Disk' is basically connected.
10. User can select both drive's name.

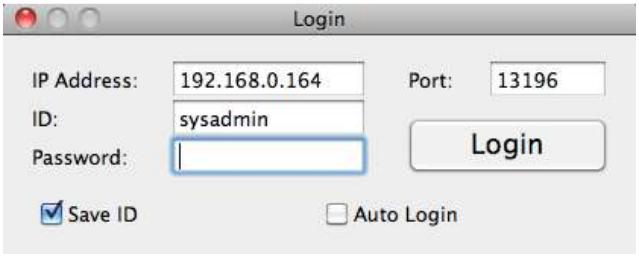
11. If you click '**Connect**' button, disk connection is completed with announcing by connection sound.



12. It can be found that Xtreamer e-TRAYz is connected to a network drive.

Run e-TRAYz(Mac)

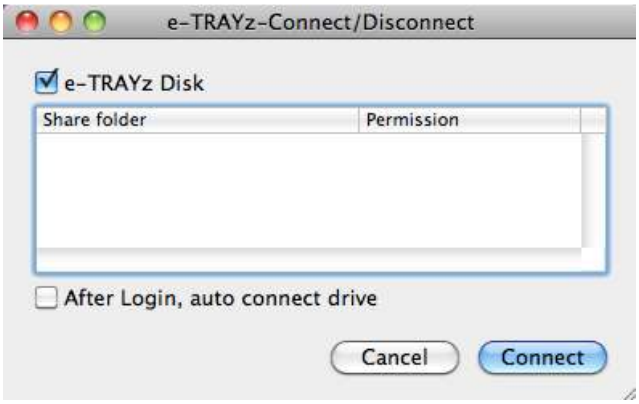
1. Double click the e-TRAYz icon created on desktop after installation of e-TRAYz connector.



2. Input IP address of e-TRAYz Disk to connect and password created after install, and then click login button. (If you click 'save ID' and 'Auto Login', you can conveniently login next time.)

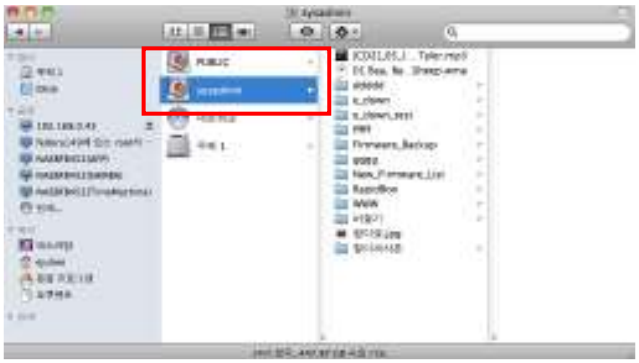
[When administrator account access]

3. e-TRAYz Connect/Disconnect window is activated. In this window, e-TRAYz Disk, and Public Disk are basically connected.
   In this case, you can select drive name.
4. If there is no USB external disk, External Disk is not connected.
5. If you click **'After Login, auto connect drive**', it is automatically logged in next time without disk selection phase.



[When user account access]

6. The '**Private Disk'** for personal space and the '**e-TRAYz Disk**' shared by sysadmin are connected. 'Private Disk' is basically connected.
7. User can select both drive's name.



8. It can be found that Xtreamer e-TRAYz is connected to a network drive.

Disk Using

Since e-TRAYz is connected as like network drive style, you can use it as like hard disk drive, such as C:₩ or D:₩ on local computer.

NOTICE)

General users who are not e-TRAYz owner (or system administrator) can access e-TRAYz with access authority (such as, read only or read/write) set up by owner.

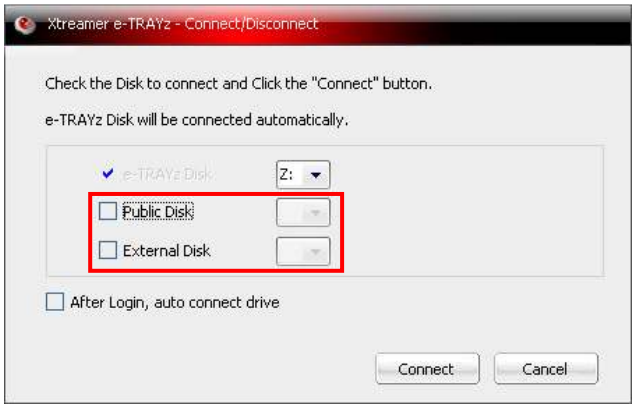
When owner allows sharing a particular folder as 'read only', user can only upload file to the folder, but not edit, download nor delete files.

Disk Disconnect(Windows)

You can release the disk connection as followings;

Release it on tray icon menu

1. Select **Disk Connect/Disconnect** menu after clicking right mouse button on tray icon.



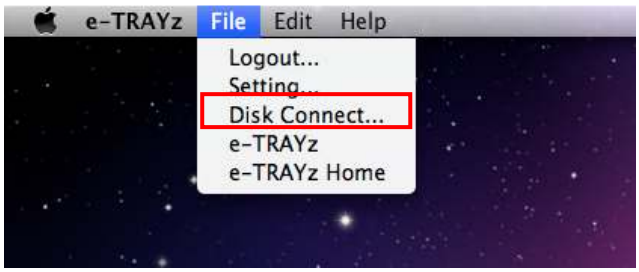
2. If you click 'Connect' button after releasing Public Disk or External Disk on check box, the connection of disk is released.

e-TRAYz does not allow this release style for e-TRAYz Disk.

Release it directly on Window Explorer

1. Click right mouse button on the disk connected as a network drive at Explorer.
2. Select a '**Disconnect**' field on menu. Then, connection of the disk is released.

Disk Disconnect(Mac)



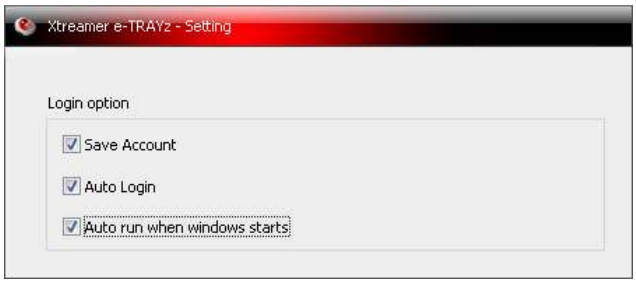
1. Select **Disk Connect/Disconnect** menu at Menubar.

2. If you click 'Connect' button after releasing Public Disk or External Disk on check box, the connection of disk is released.

e-TRAYz does not allow this release style for e-TRAYz Disk.

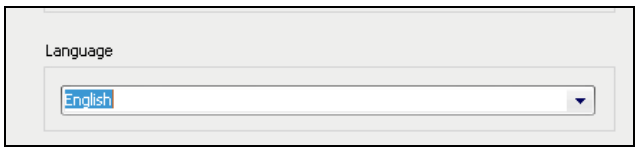
Setting(Windows)

If You click right mouse button of the icon and then click '**Setting**' field, environment setting window is created.

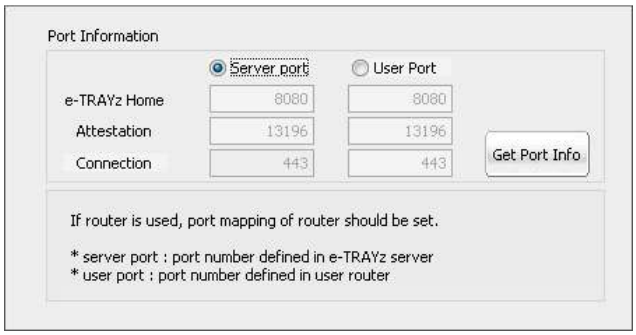


Set up login environment

1. You can save ID account on Connector.
2. If you check '**Auto login**', e-TRAYz will be automatically logged in from next time.
3. If you check '**Auto run when windows starts**', disk will be automatically connected from next PC booting.



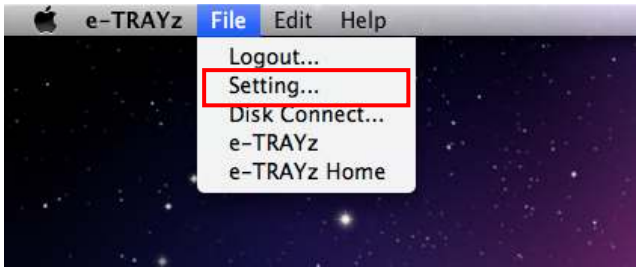
You can change lauguage of connector.



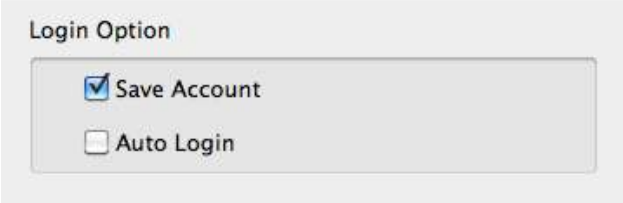
When You use router, You need to maintain port information to use e-TRAYz functions well on Internet environment.

5. The default port numbers set up on e-TRAYz server are that e-TRAYz Home is 8080, e-TRAYz authentication port is 13196 and service port is 443.
6. When you need to apply a port number set up on server to owner's router or you need to use other port, you can change the port field on 'User Port'.

Setting(Mac)

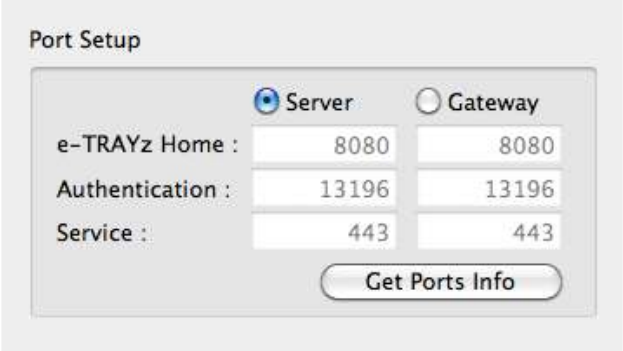


Select **Setting** menu at Menubar.



Set up login environment

7. You can save ID account on Connector.
8. If you check '**Auto login**', e-TRAYz will be automatically logged in from next time.



When You use router, You need to maintain port information to use e-TRAYz functions well on Internet environment.

9. The default port numbers set up on e-TRAYz server are that e-TRAYz Home is 8080, e-TRAYz authentication port is 13196 and service port is 443.
10. When you need to apply a port number set up on server to owner's router or you need to use other port, you can change the port field on 'User Port'.

Share

e-TRAYz allows to connect disks on Windows as well as to share folder on the disk among users.

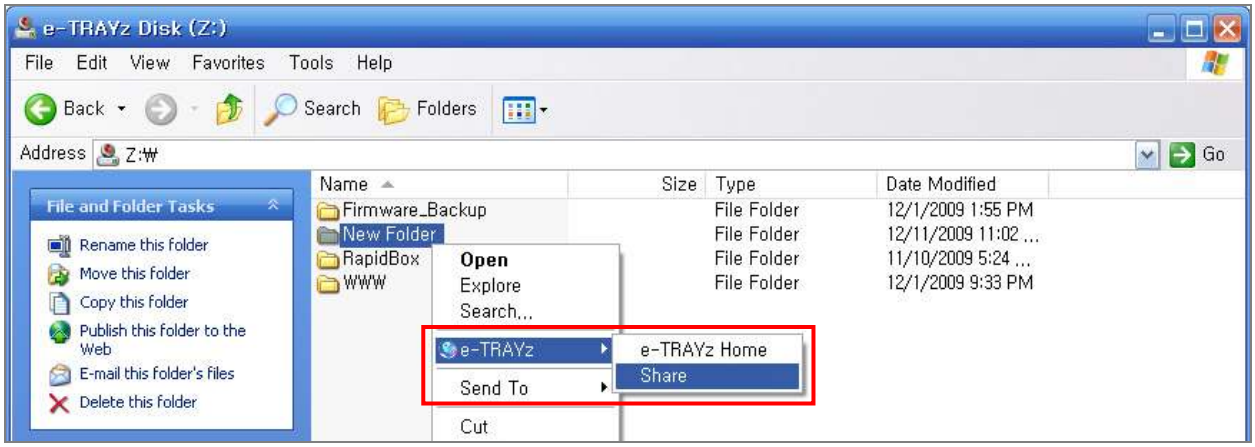
The folder on e-TRAYz Disk among connected disks is set up sharing authority by selecting one between 'Read' or 'Read/Write' options.
The folder on Public Disk is set up sharing authority by 'Read/Write' option. The folder on External Disk cannot be shared.

When the sharing is set up among users, the sharing information is sent to users via e-mail. To do well this procedure, Mail Server (SMTP) and DDNS must be set up on e-TRAYz.
Mail server is set up on [Settings] - [System] - [Mail(SMTP)] or [Setup wizard] - [Mail]. DDNS can be set up on [Settings] - [System] - [Network] or [Setup wizard] - [DDNS].

Sharing setup is allowed for only top level folder on each disk.

Sharing Setup on e-TRAYz Disk

1. Click right mouse button of the folder will be shared.
2. Select 'Share' menu on sub-menu after over the mouse on e-TRAYz menu.



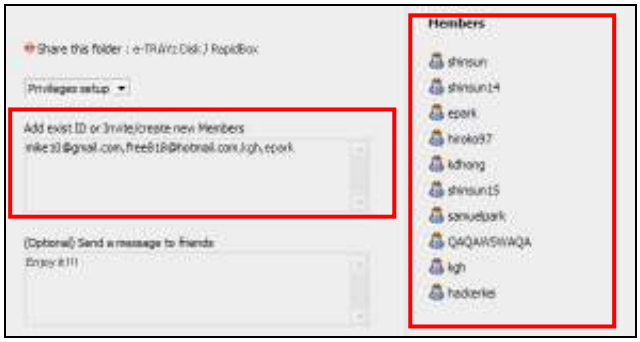
3. The sharing setup window will be created.

4. Set up privileges for selected folder. When you set up it as 'Read only', other users can not edit nor delete the folder.
When you set up it as 'Read/Write', other users can have equivalent authority for the folder with owner.

Add exist ID or Invite/create new Members
mike10@gmail.com,free818@hotmail.com
(Optional) Send a message to friends
Enjoy it!!!

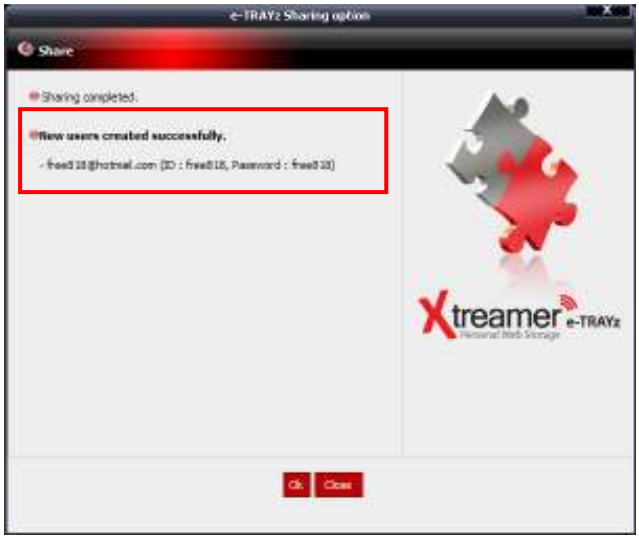
An unregistered user case

- Insert e-mail address related to a user who will share folder.
- e-TRAYz will automatically create user account and send an e-mail included account information and sharing information.



An unregistered user case

- When a user is registered on Web browser, user's 'Members' list is created on right side of e-TRAYz window.
- If you click user ID on 'Members' list, the user ID is automatically listed on 'Enter user ID or E-mail address' field. In this case, you can directly insert ID on this field, too.

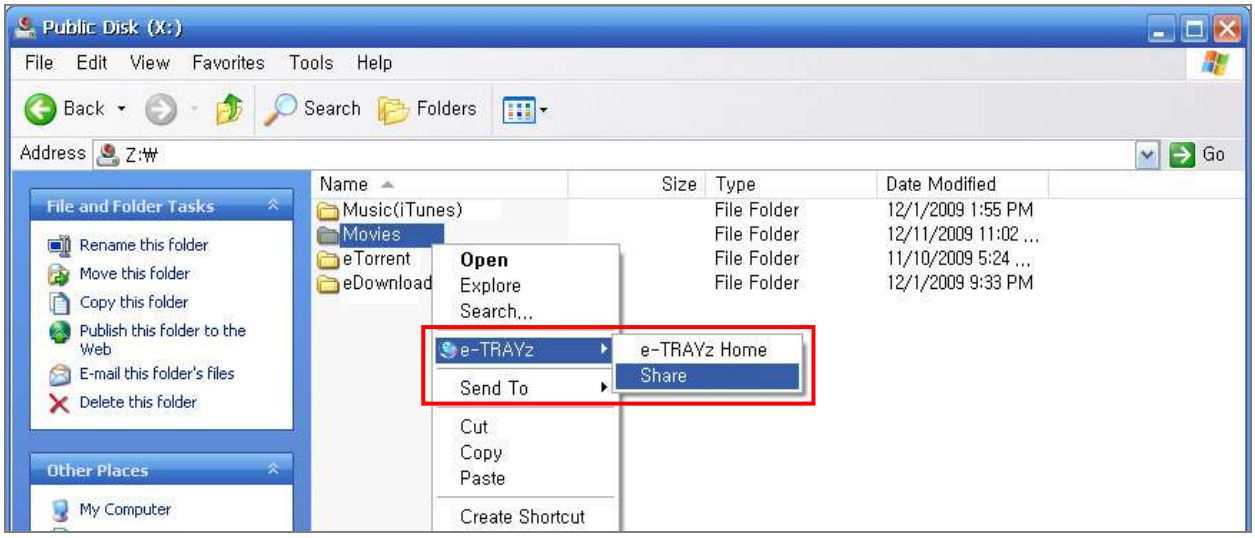


If a New user is created with e-mail, you can find user account info.

5. e-TRAYz will send sharing information for the folder to users via e-mail.

Sharing Setup on Publick Disk

1. Click right mouse button of the folder will be shared.**(Cannot setup sharing of 'Files')**
2. Select 'Share' menu on sub-menu after over the mouse on e-TRAYz menu.



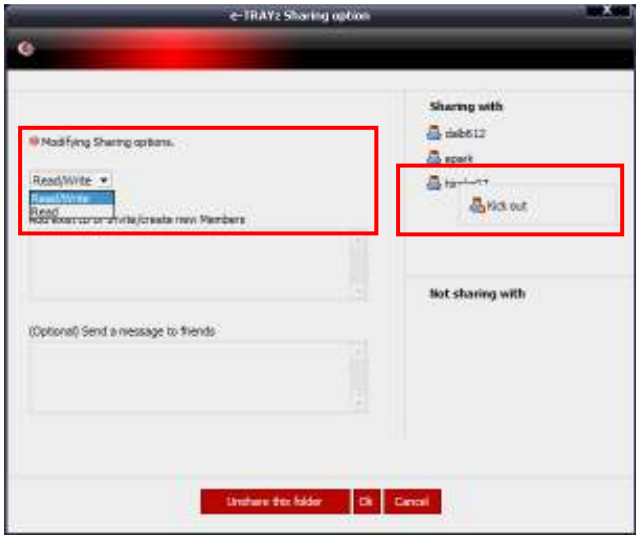
3. The sharing setup window will be created.

4. All users are allowed to use the shared folder on Public Disk with 'Read/Write' privilege.
5. To add new users, enter E-mail address, separated by commas.

Sharing options

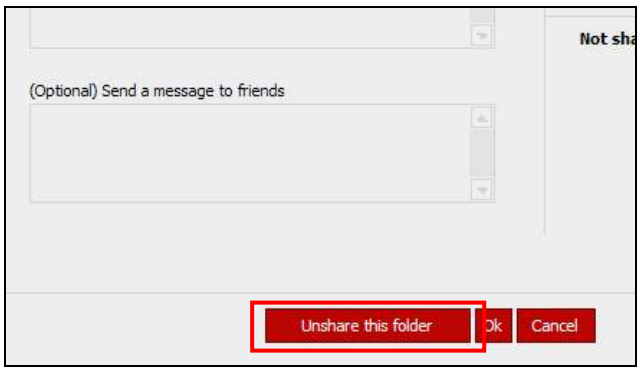
You can directly alter sharing information, such as access privileges and user setup, on Windows.

1. Click right mouse button on the shared folder will be altered.
2. After over mouse on e-TRAYz menu, if You click '**Sharing Option**' menu on sub-menu
3. 'Sharing Option' option window will be created.



4. You can see a lot of information related to an access privileges and sharing of current folder. When you want to release share status for a user, click right mouse button and then select '**Kick out**' menu.
5. When you want to add new user for sharing a folder, click the user's ID or insert the ID directly. In unregistered user case, you can set up account and sharing by inserting their e-mail address.

Unshare



If You click '**Unshare this folder**' button on lower side of option window, the confirm window is created. Click '**OK**' button, this releasing is completed.

e-TRAYz web

The e-TRAYz web is a functionality to store data into e-TRAYz server as well as to share data with other users by only connecting into Xtreamer e-TRAYz via web at anytime and anywhere, without installing the e-TRAYz Connector.
You can use this environment not only Windows but Macintosh and Linux.

You can login on e-TRAYz Home(http://Domain or IP address:8080/) and then use it by clicking 'e-TRAYz web' icon.

This is a User Interface of e-TRAYz web.

File management

File Upload

1. Click '**Upload**' button to upload files after moving into the directory which has files to upload.
2. Select a transfer type

Maximum transfer capacity is 2GB in both types. (Please use e-connector if you want to upload files larger than 2GB.)

One by One File upload

- You can upload files by adding each file.
- Select file to upload on Explorer activated when you click '**Search**' button.
- Click '**Upload**' button when you finished files selection. When the transfer is completed, if you click 'OK' button on confirmation window, upload is completed.

Multiple Files/Folders Upload

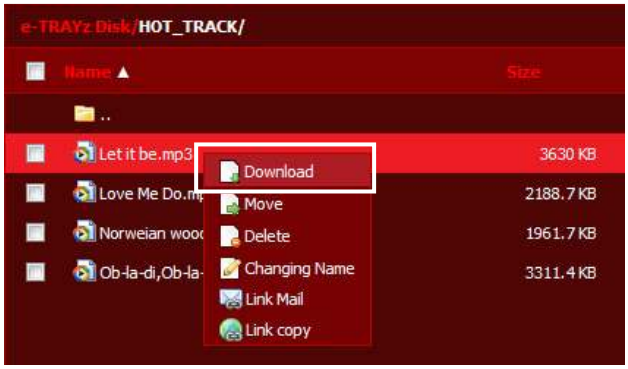
- You can upload several files and folders at one time.
- Select files/folders to upload on Explorer after clicking '**Browse**' button. You can add files using 'Drag&Drop'. Number of files to upload and total capacity display at the bottom of the pop-up.
- File upload is processed when you click '**upload**' button.

NOTICE)

If general user got access privileges as 'Read only' for shared folder from e-TRAYz owner, the user can download file only, not upload files to the folder, change name, move file, nor delete file.

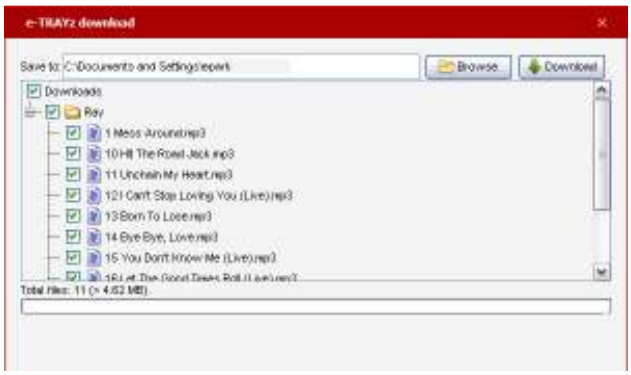
Please note that the upload will be stopped if you move to another webpage or refresh it during upload.

File/Folder Download



1. Click file or folder to download. (Click file name for file and triangle button for folder.)
2. If you click download menu with mouse over on file name, the download is processed.

3. When you want to download multiple files/folders in same time, select files/folders and click 'Download' button on upper end.



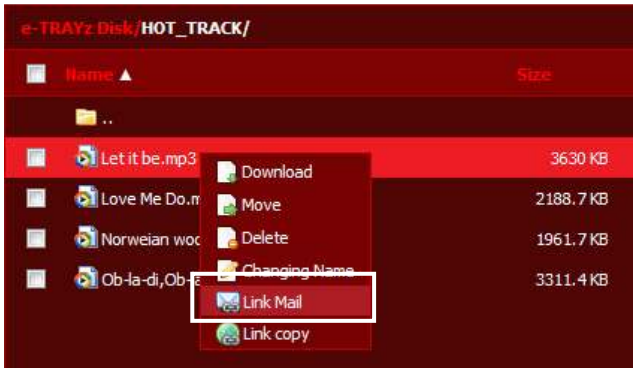
4. Select 'save to' and click 'Download' button. You can cancel download about several files using check box.

Refer to '**Online user manual**' for more information about 'Create New Folder', 'Move File/Folder' and so on. You can find Online User Manual at the top of the e-TRAYz web page.

Linkmail

When transmitting a large-sized file to someone else, the **Linkmail** function is used to forward via mail.

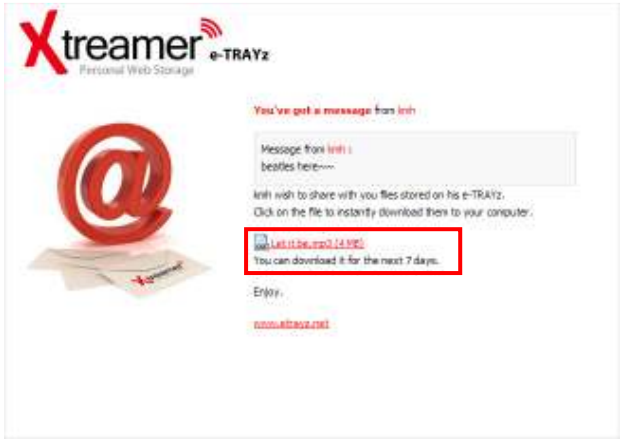
To send Email, mail server(SMTP) and DDNS must be set before. Refer to [Settings]-[System]-[Mail(SMTP)] or [Setup wizard]-[Mail Server] for SMTP setup and refer to [Settings] – [System] – [Wired Network] or [Setup Wizard] – [DDNS] for DDNS setup.



1. Click left-button of mouse and select **Link Mail** menu.
2. If you want to send more than 2 files, select check box of each file and click **[Action]-[Link Mail]** button at the top.

You can attach files up to 5 at once.

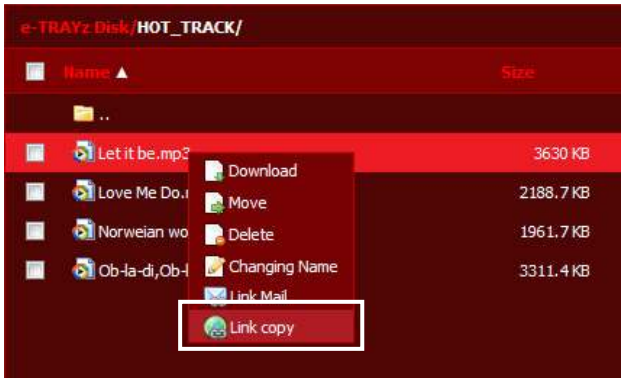
3. Input email address of receiver, title and contents. E-mail address are separated by semicolon(;)
4. Click **Send** button.



5. E-Mail Receiver can download the attached files for next 7 days.

Linkcopy

By copying the address of the file saved on e-TRAYz, it may be pasted on the bulletin board or web page.



1. After clicking the left button of the mouse on the file name, select the **Linkcopy** menu.

2. Select Link type what you want.
   - Direct Link : Show link except on HTML tag
   - Download Link : Show link with download tag(a href)
   - Image Link : Show link with image tag(img src)
   - Video Link : Show link with video tag(embed)

3. Click **Link Copy** button and paste it where you want with '**Ctrl + V**'.
4. Links can also be copied by dragging.

Share

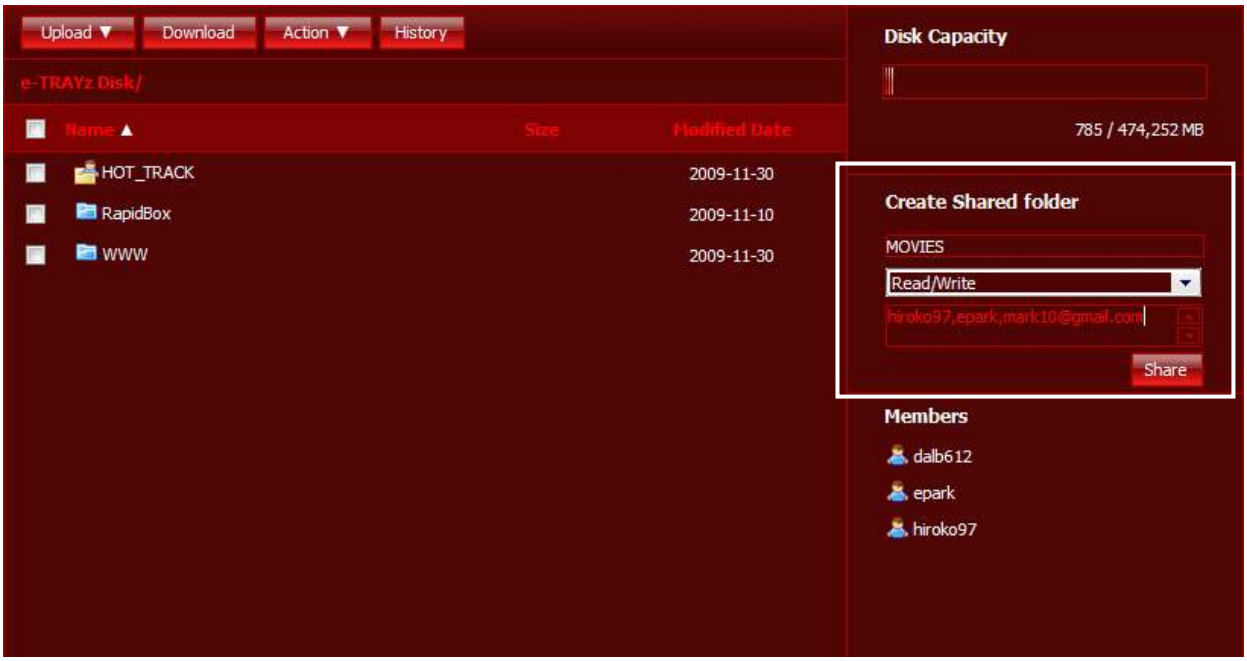
e-TRAYz owner can create a folder on e-TRAYz Disk와 Public Disk, and then share the folder with other users. How to share on 'e-TRAYz web' is equal to the 'e-TRAYz'.

General users cannot setup of sharing and can use shared folder by administrator on 'e-TRAyz Disk'.

When the sharing is set up among users, the sharing information is sent to users via e-mail. To do well this procedure, Mail Server (SMTP) and DDSN must be set up on e-TRAYz. Mail server is set up on [Settings] - [System] - [Mail(SMTP)] or [Setup wizard] - [Mail] on main page, and DDNS is set up on [Settings] - [System] - [Network] or [Setup wizard] - [DDNS].

Creation of Shared Folder

You can proceed to create a new folder and setup sharing at once at 'e-TRAYz web'.



1. Move into 'Create Shared folder' area on right of e-TRAYz Disk or Public Disk.
2. Insert shared folder name to create. Set up privileges for shared folder. If the folder set up as 'Read only', other users except owner of the folder can only download files on the folder.
3. Insert a lot of information related to a user who will share folder.
   - **A registered user case** : When a user is registered on Web browser, user's 'Users' list is created on right side of e-TRAYz window. If you click user ID on 'Users' list, the user ID is automatically listed on 'Enter user ID or E-mail address' field. In this case, you can directly insert ID on this field, too.
   - **An unregistered user case** : Insert e-mail address related to a user who will share folder. Then, e-TRAYz

will automatically create user account and send an e-mail included account information and sharing information.

4. Click '**Share**' button, sharing setup is completed. The folder icon( ) is altered into shared folder icon( ).

5. When user account is created, confirm window is opened.

Xtreamer e-TRAYz
Personal Web Storage
Invitation to share a folder from
wants to share some files with you using his e-TRAYz technology.
folder that shared.
In order to place the shared folder on your desktop, you need to install
e-TRAYz connector available for free download here.
You too can use e-TRAYz to share files with people you know - for 99
Euro only. e-TRAYz also syncs files across your computers and backs
them up to the device - letting you access them from anywhere.
Enjoy.

6. e-TRAYz will send sharing information for the folder to users via e-mail. (To send e-mail, mail server and DDNS must be set up before.)

Setup on e-TRAYz Disk

1. Move into 'Share this folder' area on right of e-TRAYz Disk or Public Disk.

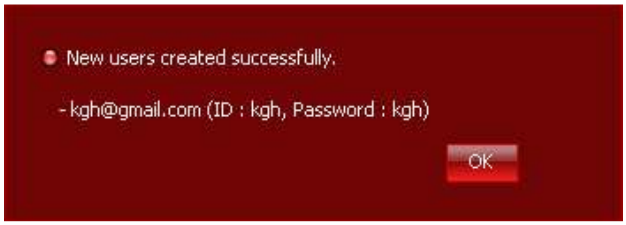
2. Set up privileges for shared folder. When you set up it as 'Read only', other users except owner of the folder can download only.

An unregistered user case

- Insert e-mail address related to a user who will share folder.
- e-TRAYz will automatically create user account and send an e-mail included account information and sharing information.

An unregistered user case

- When a user is registered on Web browser, user's 'Members' list is created on right side of e-TRAYz window.
- If you click user ID on 'Members' list, the user ID is automatically listed on 'Enter user ID or E-mail address' field. In this case, you can directly insert ID on this field, too.



3. If a New user is created with e-mail, you can find user account info.

4. e-TRAYz will send sharing information for the folder to users via e-mail.

Sharing setup on Public Disk

You can proceed to create a new folder and setup sharing at once at 'e-TRAYz web'. *** Cannot share files in the Public Disk, a folder must be created for sharing.**

Share this folder
To add new users, enter E-mail address.
Share
Members
If you share a Folder in Public Disk, all users are allowed to use the folder with read/write privilege.

2. All users are allowed to use the shared folder on Public Disk with 'Read/Write' privilege.
3. To add new users, enter E-mail address, separated by commas.

Sharing Options

You can change sharing information, such as access privileges and user setup.

1. Move to shared folder to change.
2. On right side of Windows, You can find that 'Sharing with' list maintains users who share this folder and 'Not sharing with' list maintains users who do not share this folder.

3. If you click '**OK**' button after altering 'privileges setup', altering of privileges is completed.
   When you want to release share status for a user, click left mouse button of the user ID and then select '**Kick out**' menu.
4. When you want to add new users for sharing a folder, click the user's ID or insert the ID directly. In unregistered user case, you can set up account and sharing by inserting their e-mail address.

Unshare

Click a triangle button located on right side of the folder, and then click '**Unshare this folder**' button.

RapidBox

Rapid Box is the functions to upload a file onto my e-TRAYz as well as to send a linkage of the file to others. By using RapidBox functions, at once, you can do a file upload and a send of link mail. A receiver of the mail can download files during 7 days.
When you allow Rapidbox function to use for guest, the guest can upload a file to e-TRAYz without user account on login browser.

The uploaded file via RapidBox is stored on 'RapidBox' folder **in e-TRAYz Disk.**

You can find all information related to the uploaded files via RapidBox on '**Recent upload**' as well as retransfer the files as e-mail with link.

You can login on e-TRAYz Home(http://Domain or IP address:8080/) and then use it by clicking 'RapidBox' icon.

File Upload

1. Move to **File Upload** page and Click '**Add files**' button.
2. Select files to upload. You can select at most 20 files and its maximum capacity is 2GB.

3. When you click '**File upload**' button, the file transfer is started.
   Please note that the upload will be stopped if you move to another webpage or refresh it during upload.

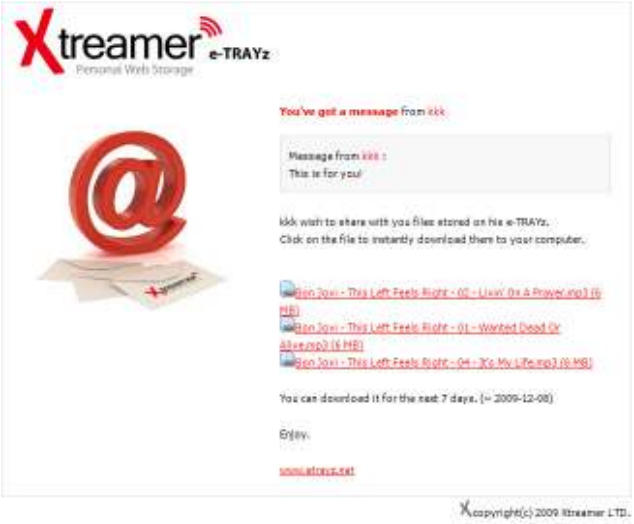
4. When file transfer is finished, link information of uploaded files is displayed.

Announce!
If you want, the system can send e-mail upto 3 persons, who will be informed about your upload.
This e-mail will only contain your download link.
For privacy reasons, the e-mail addresses will not be saved.
E-mail # 1 :
E-mail # 2 :
E-mail # 3 :
Mail Message :
Send Now

5. Insert a e-mail address to send link information of uploaded file. You can send the e-mail at most to 3 destinations. Click 'Send now' button with inserting brief message on 'Mail Message' field. Then sending is processed.

If a Mail Server(SMTP) and DDNS are not set up, you cannot send the e-mail. You can set up the Mail Server on [Settings] - [System] - [Mail(SMTP)] pages, or on [Setup wizard] - [Mail Server] page. And DDNS is set up on

[Settings] - [System] - [Network] or [Setup wizard] - [DDNS].


Xtreamer e-TRAYz
Personal Web Storage
You've got a message from kkk
Message from kkk :
This is for you!
kkk wish to share with you files stored on his e-TRAYz.
Click on the file to instantly download them to your computer.
You can download it for the next 7 days. (~ 2009-12-08)
Enjoy.
www.etrayz.net
copyright(c) 2009 Xtreamer LTD.

6. Mail receiver can download files located on e-TRAYz server without user account during 7 days.

Recent Upload

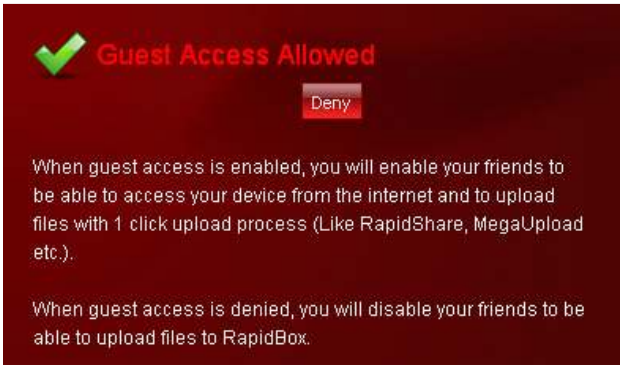
At **Recent upload** page, you can view the history of RapidBox actions.

When you click 'Send e-mail' button after selecting some among the list, web page is changed into e-mail sending page. Refer to [Rapidbox] – [file upload] part of this manual for more information about sending mail.

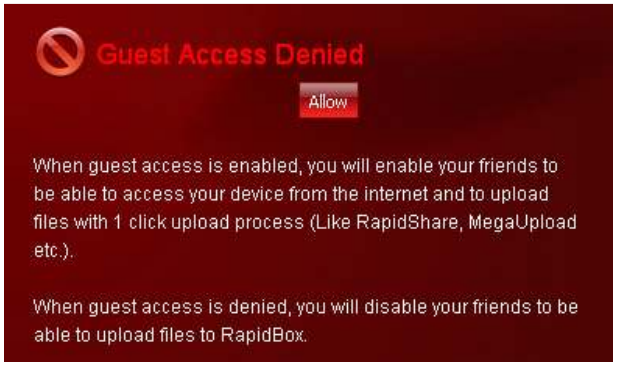
. In 'Recent upload' page, you can remove file information by clicking 'Delete' button after checking files on list.

Allow Guest access

When you allow using RapidBox for guest who does not has user account, guest can upload files at the Rapidbox field on web login page. The uploaded files are stored on Rapidbox folder in e-TRAYz Disk.
This functionality is useful when e-TRAYz owner want to receive some files without giving user account for file sender. If you who are e-TRAYz owner, worry about arbitrary upload from others, you can deactivate the function.
It can be set on RapidBox page or [Settings] – [Service] – [RapidBox] page.

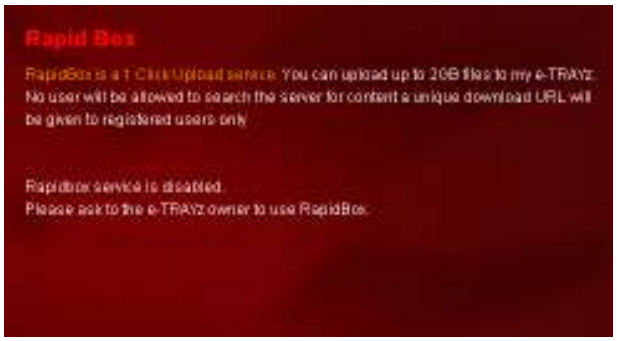

Guest Access Allowed
Deny
When guest access is enabled, you will enable your friends to be able to access your device from the internet and to upload files with 1 click upload process (Like RapidShare, MegaUpload etc.).
When guest access is denied, you will disable your friends to be able to upload files to RapidBox.

RapidBox : status of 'Allow'


Guest Access Denied
Allow
When guest access is enabled, you will enable your friends to be able to access your device from the internet and to upload files with 1 click upload process (Like RapidShare, MegaUpload etc.).
When guest access is denied, you will disable your friends to be able to upload files to RapidBox.

RapidBox : status of 'Deny'

Web login : status of 'Allow'



Web login : status of 'Deny'

e-Downloader

e-Downloader is a function to download sequentially the link of files divided by several parts from file sharing sites, such as Megaupload or Rapidshare. If you use e-Downloader function, you can download files onto e-TRAYz without authentication at each download time as well as you can enjoy media file at TV.

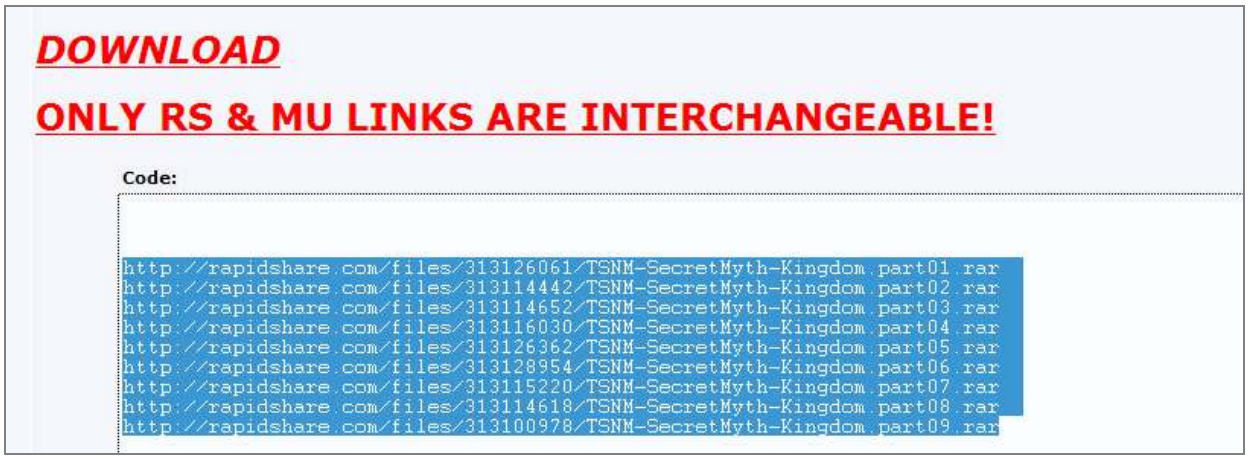
At first time, a file downloaded through e-Downloader is stored on 'eDownloader' folder of 'Public Disk' directory. You can change the download folder at 'Settings' menu.

Now, e-Downloader support to download file link of Megaupload and Rapidshare sites. e-Downloader will add further sites soon.

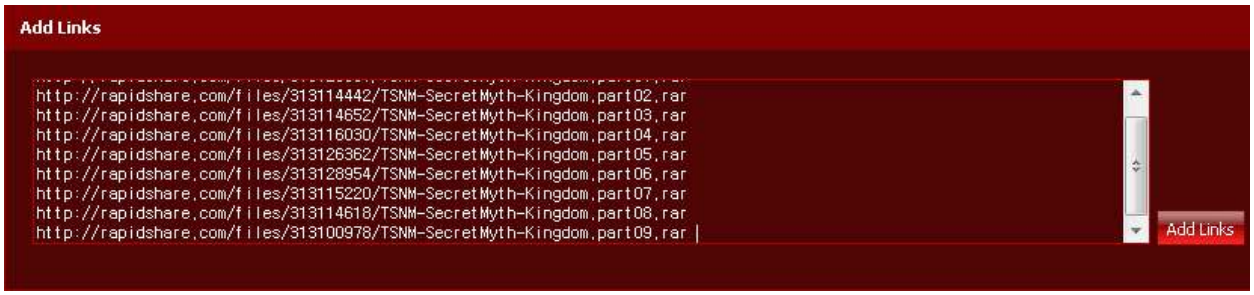
You can login on e-TRAYz Home(http://Domain or IP address:8080/) and then use it by clicking 'e-Downloader' icon.

File Download

1. Copy the link of file to download. If you access file download sites, such as warez-bb.org, you can easily find file information on megaupload or rapidshare sites.



2. Attach copied links information onto 'Add Links' field at bellow side of '**Download**' page and then click '**Add Links**' button. (The general user of Hotfile.com should enter captcha every download link. You can re-enter up to 3 times. If you entered incorrectly exceed 3 times, the download will be failed.)



3. The e-Downloader checks status of upper side file first and then downloads. The waiting time is various on file status or policy download sites. If you want to cancel file downloading on waiting status, you can cancel it by clicking '**Stop**' button.

4. The download is started from upper side multi files after finishing waiting time.The number of files for multi-download can be set at 'Setting' menu directly.(max. 10) The general user accounts of each download

sites do not supported multi-download.

Extract

1. Connect to e-TRAYz connector and then move to **eDownloader** directory on Public Disk. By using ZIP program, uncompress (or release) number 1 file among separated files which is compressed type.

2. All compressed files are released automatically as one media file. **At this time, all compressed sub-files must be same name and existed on the directory.**

Download Option

1. If you click '**Stop**' button on upper side, a selected download is stopped and the next link download is started.
2. And then if you click 'Start' button, stopped of failed download is started beginning step again. Such download is in progress, the start button is not activated.
3. When you want to delete a list of particular files, click 'Delete' button. You can delete selected list, completed download list, failed download list and all list.

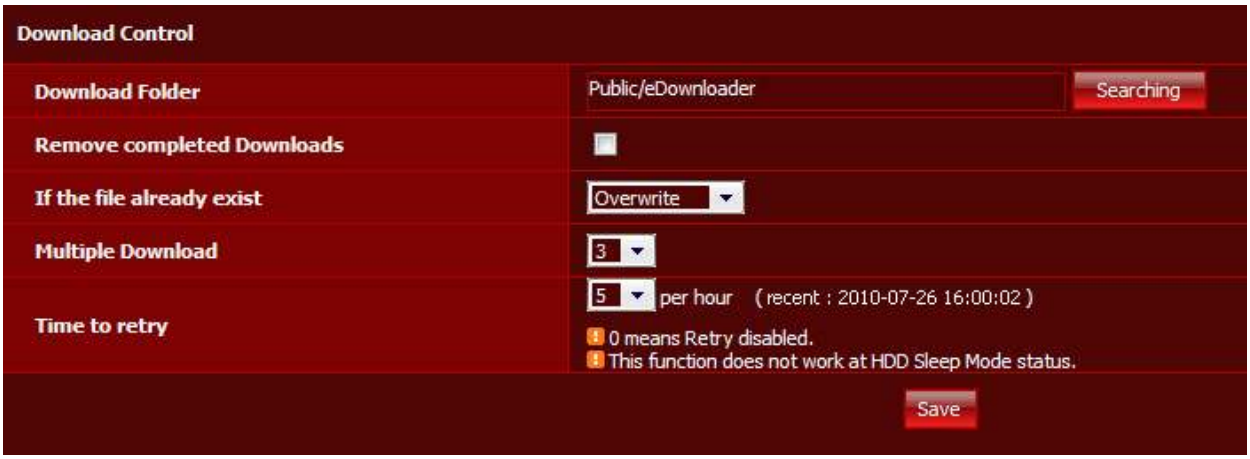
Completed Lists

You can find completed download list all by through e-Downloader on '**Completed lists**' page. You can delete some of list or all by selecting the list. (It is deleted on the list only, but not downloaded files.)

Settings

Download Setting

1. You can set up location to store downloaded file by using e-Downloader. **Default downloaded location is 'Public Disk' - 'eDownloader'.**
2. When you check 'Remove completed Downloads' button, if file download is completed on download page, the list is automatically deleted.
3. When you download a file, if the file already exist on folder, you need to select one option among 'Skip', 'Overwrite', and 'Auto rename'.
4. Select the number of files for multi-download. You can choose up to 10.
5. Set time to retry download. If the download is interrupted or unsuccessful, the download is restarted after a set time automatically. 0 means Retry disabled and this function does not work at HDD Sleep Mode status.



Premium Account info.

If you are premium member at Megaupload or Rapidshare, you register our account information on e-Downloader site. Then, you can get a premium member's benefits, such as a download without waiting time supported by Megaupload or Rapidshare site.

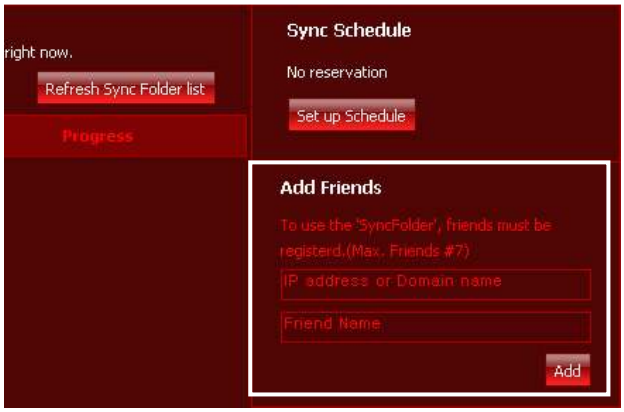
1. Click '**Add Account**' on top of Windows.
2. Select a site, and insert ID and password - **Now, e-Downloader services for Megaupload and Rapidshare site.**
3. If you click '**OK**' button, the registration is completed.
4. Registered account information can be modified and deleted.
5. Registered premium account can be set enable/disable.

SyncFolder

With SyncFolder, you can sync folder to others who have a Xtreamer e-TRAYz. After Registering to 'friend' with IP(or domain) and setting, you and your 'friends' can share and sync folders each other. You can set up a Sync Schedule and synchronize the folders synced with me by using 'Sync Now' button right now.

Add Friends

To use the 'SyncFolder', friends must be registered. You can register to friend with his IP address(or domain) and can register up to 7 people



1. You can find '**Add Friends**' field on the right of page.

2. Input IP address or Domain name of friends' e-TRAYz, and friend's name onto 'Add friends' field. (ex. 211.126.236.21 or xtreamer.myetrayz.net)
3. Click '**Add**' button, then **All friend list** will be added.

4. With mouse left-click, you can edit friend's name or delete from the list.

Folder I Sync

You can synchronize your folder to your friends. **Sync folder is limited to a maximum of 10.**

Synchronize

1. Click '**Folder I Sync**' menu.

2. Select a folder to sync and input 'Share name' field.

3. Click '**Select**' button and select friends that they sync your folder.

4. Click '**Create**' button then '**folder I Sync**' list will be added on the left site of the page.

Folder I Sync
By using 'SyncFolder', you can synchronize your folder with your friend's folder. Friend means owner of e-TRAYz device (sysadmin).
If you create Sync Folder, your friends can see it within "Folder synced with me" menu.
Select a Folder to Sync
Search
Select
Create
NewAge

5. 'Folder I Sync' will behave normally to accept the others.

Sync with more friends

1. Click a sync folder you want to share with more friends and then choose '**Sync with more friends**' menu.

Folder synced with me
Folder I Sync
By using 'SyncFolder', you can synchronize your folder with your friend's folder. Friend means owner of e-TRAYz device (sysadmin).
If you create Sync Folder, your friends can see it within "Folder synced with me" menu.
Sync Name
My Folder name
NewAge
Sync with more friends
Remove Sync

2. You can view friends list not to shared. Select friends to share and '**OK**' button.
3. Click a folder from the '**Folder I Sync**' list, you can view friends list that **they share and sync the folder** on the right side of the page.

4. Click a friend you want to release the sync setting and then choose '**Kick out**' menu.

Remove Sync

You can not to rename or changing of directory but remove 'Folder I Sync'

Click the folder you want to remove 'sync' and choose '**Remove Sync**' menu.

Folder synced with me
Folder I Sync
By using 'SyncFolder', you can synchronize your folder with your friend's folder. Friend means owner of e-TRAYz device (sysadmin).
If you create Sync Folder, your friends can see it within "Folder synced with me" menu.
Sync Name
My Folder name
NewAge
e-TRAYz/Isao_sasaki
Sync with more friends
Remove Sync

Getting Synced

To get synced, friends must be registered each other. Refer to '**Add Friends**' in [SyncFolder] menu of this Manual.

Getting Synced

After adding friends,

1. Click '**Refresh Sync Folder List**' in '**Folder synced with me**' menu.

Folder synced with me
Folder I Sync
"Folder synced with me" shows the folder list that your friends synchronize their folder to your folder.
You can set up a Sync Schedule and synchronize the folders synced with me by using 'Sync Now' button right now.
Refresh Sync Folder list
Friend
Sync Name
My folder Name
Status
Progress

2. Click '**Accept**' button of the folder synced with me.

Folder synced with me
Folder I Sync
"Folder synced with me" shows the folder list that your friends synchronize their folder to your folder.
You can set up a Sync Schedule and synchronize the folders synced with me by using 'Sync Now' button right now.
Refresh Sync Folder list
Friend
Sync Name
My folder Name
Status
Progress
pumm
oldpop
Accept

3. Select my folder to get synced with friend's folder and click **OK** button.

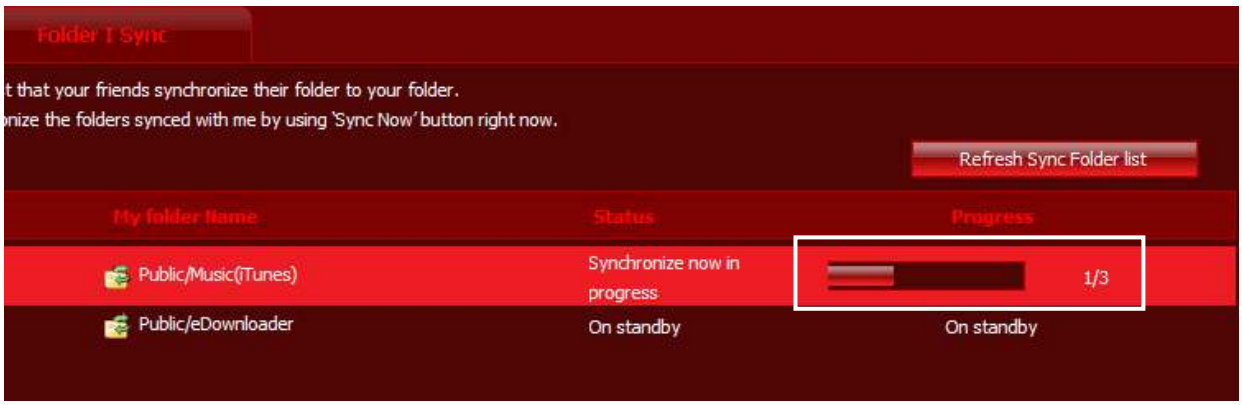
4. The status is changing to '**On Standby**'.

Folder synced with me
Folder I Sync
"Folder synced with me" shows the folder list that your friends synchronize their folder to your folder.
You can set up a Sync Schedule and synchronize the folders synced with me by using 'Sync Now' button right now.
Refresh Sync Folder list
Friend
Sync Name
My folder Name
Status
Progress
pumm
oldpop
/home/Public/Music(itunes)
On standby
On standby

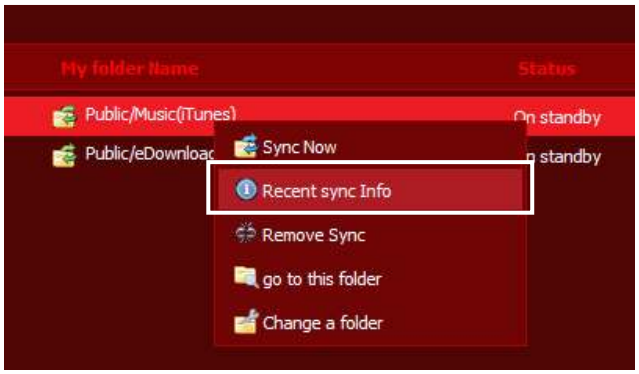
Sync Now

You can sync some files what you want right now.

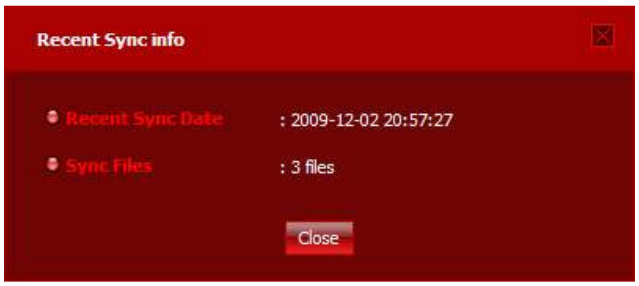
1. Click a folder you want to sync and then click '**Sync Now**' menu.
2. Only files that are not in my folder are listed. Select files what you want to sync.
3. Click **OK** button, then synchronization is begun.
4. Progress shows the number of downloaded files and the number of total files.



Recent Sync Info



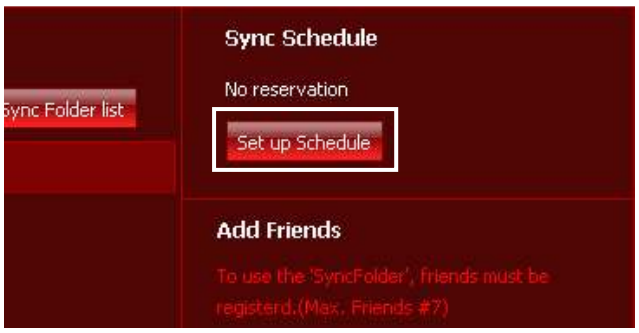
1. Click the folder and then click '**Recent Sync Info**' menu.



2. You can check recent sync date and the number of synced files.

Setup Sync schedule

You can set up a Sync Schedule of total folders synced with me.



1. Click '**Folder synced with me**' menu. Click '**Set up Schedule**' button at right upper side.

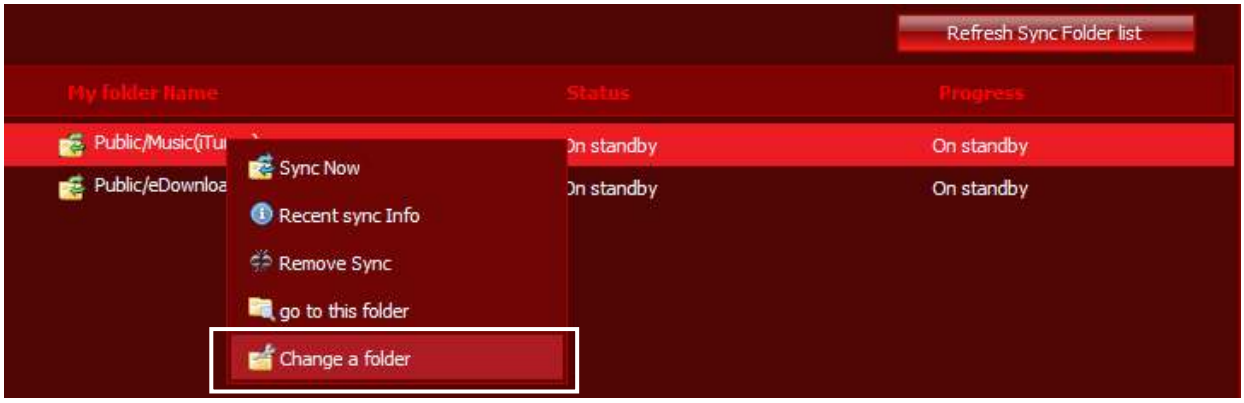
2. Select '**Set up Schedule**' of Reserve Process and set up frequency and time.
3. Click **OK** button.

Sync Schedule
Reserve Process : Every week Tuesday
01:00
Set up Schedule
Add Friends
To use the 'SyncFolder', friends must be registerd.(Max. Friends #7)

4. You can see that schedule setting is completed successfully.

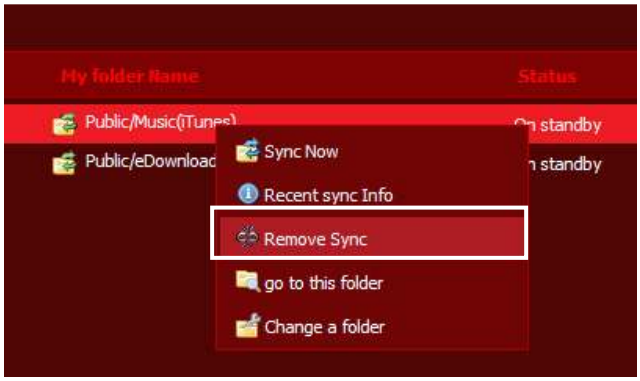
Changing Syncfolder

You can change your folder which is set synchronization with your friend's folder. Click **'Change a folder'** menu.



Remove Sync

You can't change sync name and my folder name. However, you can release setting of Sync(the list of synced folders is remained).
If you want to delete at the list, request your friends to remove sync setting.



1. Click the folder and then click '**Remove Sync**' menu.
2. Click **OK** button

3. The folder is changing to initial status.

e-Torrent

You can read RSS info of Torrent file or download it using e-Torrent. With e-Torrent, users can easily download media files directly and enjoy it on TV.

The downloaded file via e-Torrent is stored on 'eTorrent' folder in public Disk. You can change download folder at 'Settings' page.

You can login on e-TRAYz Home(http://Domain or IP address:8080/) and then use it by clicking 'e-Torrent' icon.

Torrent RSS

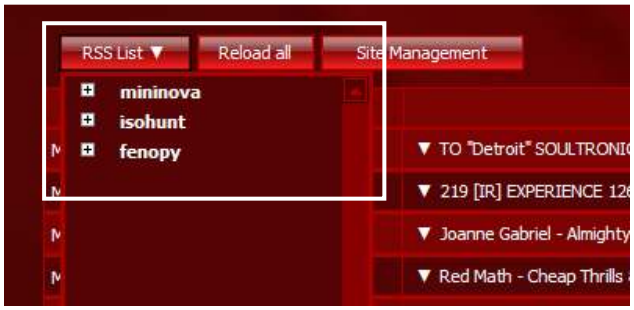
Torrent RSS displays a list of Torrent files by acquiring the RSS data from the sites providing torrent files. With Torrent RSS, users can easily obtain the most recent torrent files without having to visit numerous sites and download media files directly to e-TRAYz.

Also, users can register frequently used Torrent sites that provide files to effortlessly obtain RSS data by using the '**Site Registration**' function.

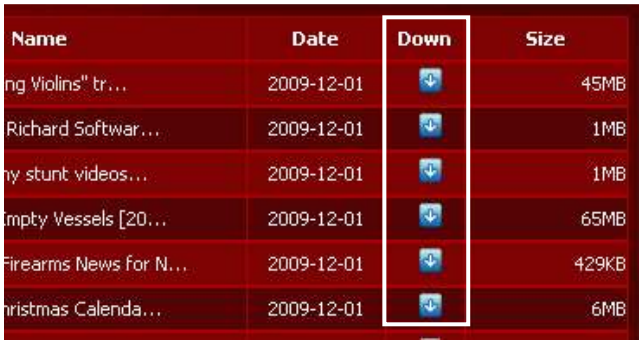
Viewing the list of Torrent Files

1. The opening Torrent RSS menu screen will appear if the e-Torrent icon is clicked and the most current torrent files list will be generated on the screen.
2. **Reload** button will regenerate the list of files.

3. When you click the arrow buttons beside of file name, you can see more information about each file.(It is supported only specific site)



4. Click the 'RSS List' button to find the list of registered site. Click the specific site name to bring the list from the applicable site only. With the same method, it may bring in the file list only for specific category.

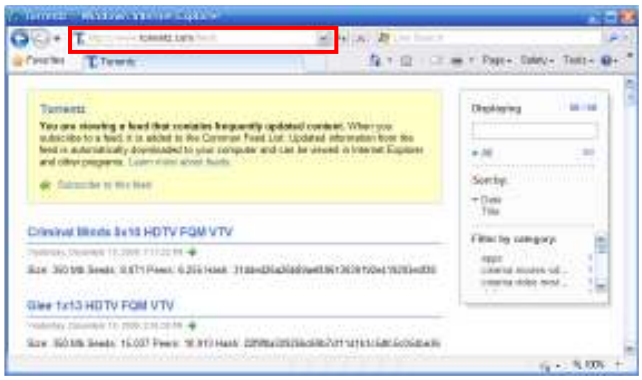


5. Users can download immediately by clicking on the '**down**' button.

File Download
Do you want to save this file, or find a program online to open it?
Name: ... KDE VDI [VirtualBoxImages.com] [mininova].torrent
Type: Unknown File Type
From: www.mininova.org
Find
Save
Cancel
While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not find a program to open this file or save this file. What's the risk?

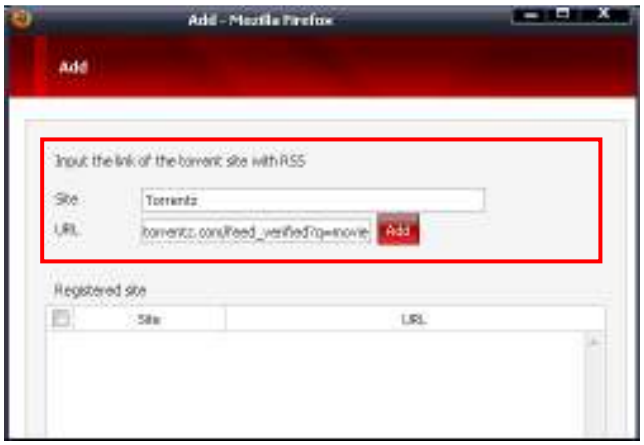
6. If you click on a file name from the list, you will be linked to the download page of the applicable site, or you can download torrent seed file directly.

Torrent Site Registration

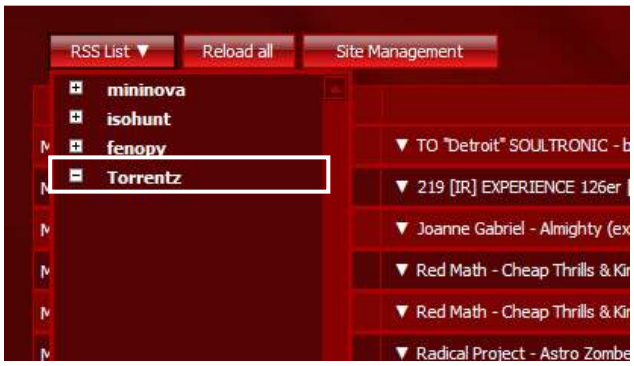


1. Copy the RSS url what you want to register.

2. Site registration popup window will appear if you click on the '**Site Management**' button located on the upper left hand side of the screen.



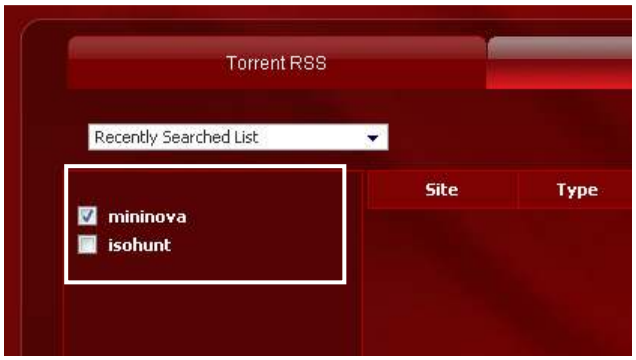
3. Type in the name of the site as well as the RSS URL address and click on '**Add**' button, which will register the desired site on the bottom list.



4. Click on the '**Confirm**' button on the bottom of the screen and refresh the Torrent RSS page to verify the added site.
5. If the file list is not read from the applicable site after registering URL, check the URL address once again.

Torrent Search

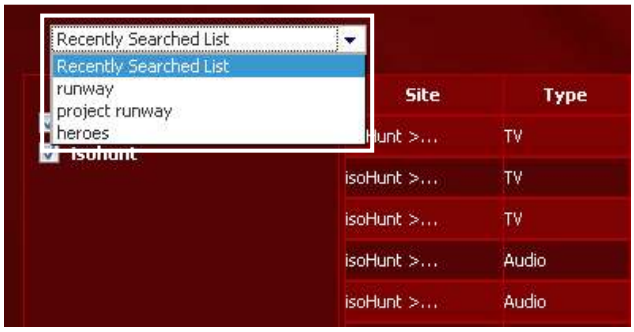
You can directly search torrent files from Mininova and isohunt if you use the Torrent Search function.



1. Select the torrent site that you wish to search for.

2. Type in the word for the desired file and click on the '**Search**' icon.

3. A list of files will be created on the right hand side of the page.
4. You can either click on the file names to be connected to the download site, or directly download the applicable files by clicking on the '**Down**' button when allowed by the sites.

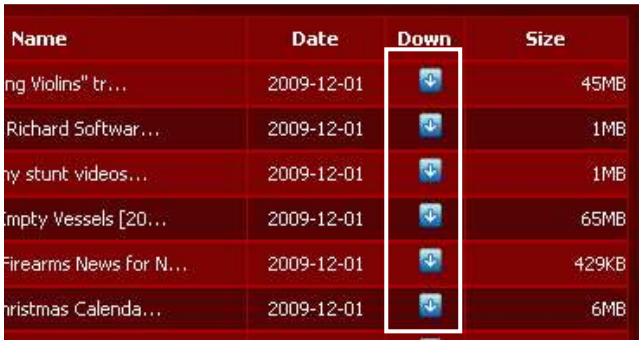


5. You can use the '**Recently Searched List**' from the drop down menu located on the upper left hand side of the screen to conveniently search for files.

Torrent Download

You can download files by using '**Torrent RSS**', '**Torrent Search**' and Torrent File Registration.
Current page shows the list of files that are being downloaded. File name, status, file size, completed(downloaded size), and progress are displayed.
You can verify file information and downloaded location by clicking on a specific file name. Also you can pause, restart, or delete a specific file.

File Download by using 'Torrent RSS' and 'Torrent Search'



1. Select a desired file from the 'Torrent RSS' or 'Torrent Search' menu and click the 'down' button.

2. A confirmation window will be displayed to show that a file has been added to the download list. File download will begin when you click on the **OK** button.

3. You can check the progress of files that are being downloaded from the '**Download**' page.
4. You can verify file information such as the date, uploader, number of peers, URL, and downloaded location on the lower left hand side of the screen when you click on a file name.

File Download by using Torrent File Registration

1. Click '**Register File'** at the top of the 'Download' page.

2. Select a torrent file that is saved in the PC and click on the **Ok** button. You can upload up to 20 files at once.

3. File can be downloaded by typing the URL directly.

EPKG

EPKG is a e-TRAYz Package Management System, it offers 'TheHijacker APP installer' that can be easily downloaded and installed a variety of applications.

* Intellectual Property of all the package is owned by the original developers.

You can login on e-TRAYz Home(http://Domain or IP address:8080/) and then use it by clicking 'EPKG' icon.

TheHijacker APP Installer

'TheHijacker APP Installer' help you to download and install a variety of applications which are selected and tested by e-TRAYz user.

Web security feature is enabled, this feature is not available. Check whether the setting at [Settings] – [System] – [Web Security] menu.

TheHijackers APP Installer
APP Installer
by TheHijackers
TheHijackers APP Installer 1.5
(APP Installer default ID : admin / password : sysadmin)

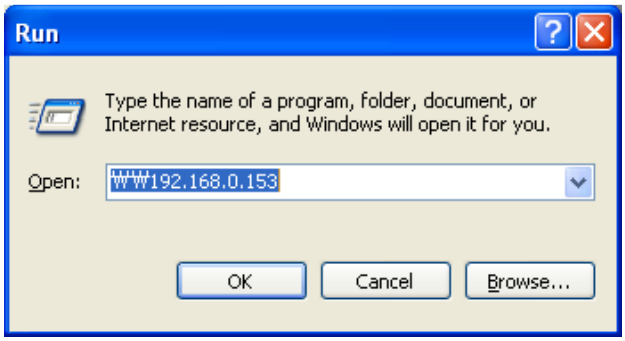
1. Click the 'shortcut' button.
   [Since version 1.0.7 users only] First, click 'Install' button to install a 'TheHijacker App Installer'.

2. Default ID and password are admin/sysadmin.

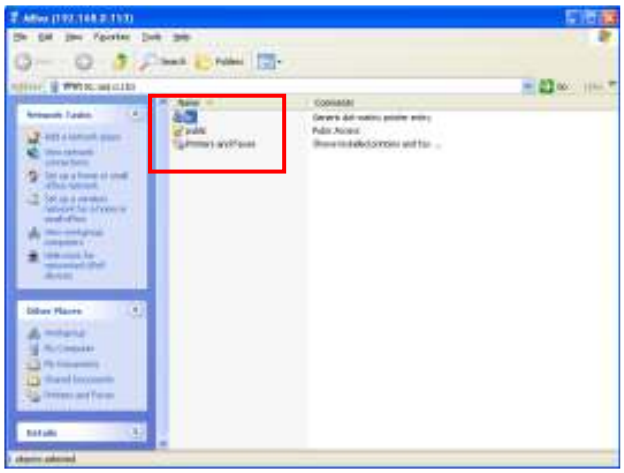
3. Application that can be installed list up. Click 'Download' icon and install application.

ETC

Print Connection

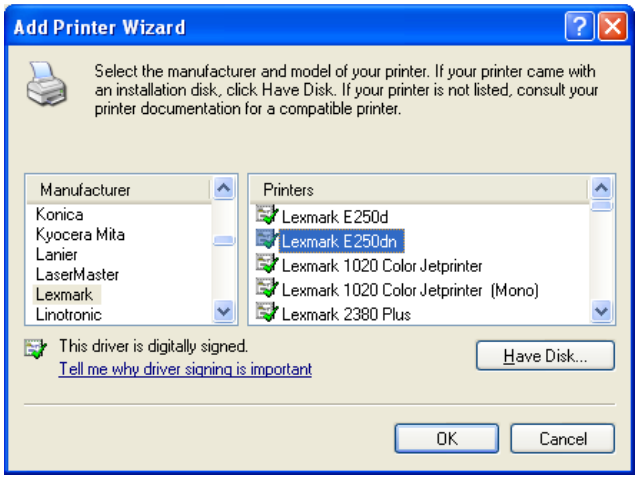


1. Connect USB printer to USB host port of e-TRAYz
2. In PC, Select [Start] – [Run] on window desktop and input e-TRAYz address in open. (ex. ₩₩192.168.0.10)

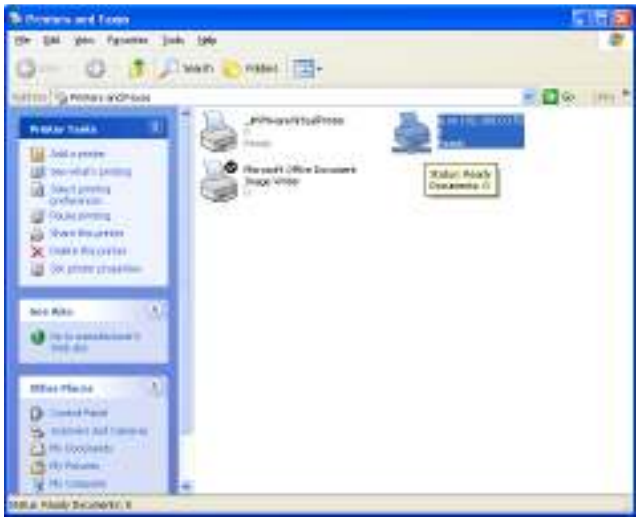


3. Double click network printer icon, Lp.

4. Search for network printer.



5. Select **Disk** to select the path in which installation CD provided by printer manufacturer or printer driver file downloaded from manufacturer's website is located.
6. Install printer driver.



7. Select **[Start]-[Set]-[Printer and Fax]** to check that printer has been installed with IP of e-TRAYz .

Note)

Some printers and combination models cannot be supported on.

Using iTunes

You can listen to the music saved in Music(iTunes) folder of Xtreamer e-TRAYz by using iTunes client.
To use this function, you need to activate iTunes service first. And audio files must be saved at Music(iTunes) folder of Public Disk.

Public Disk/Music(iTunes)/
e-TRAYz Disk
Public Disk
Billboard Top 100 Singles [2004
Billboard Top 100 Singles [2005
Cats [Original London Cast] Disc
Cats [Original London Cast] Disc
Evita
Mamma Mia!
Miss Saigon [Original London Ca
Miss Saigon [Original London Ca
Music(iTunes)
NOW
Yuki_Kuramoto
Name
Size
Modified Date
..
001 - Mariah Carey - We Belong Together_1.MP3 4645.4 KB 2009-12-01
002 - Gwen Stefani - Hollaback Girl.MP3 4681.5 KB 2009-12-01
003 - Mario - Let Me Love You.MP3 5834.4 KB 2009-12-01
004 - Kelly Clarkson - Since U Been Gone.MP3 4375.1 KB 2009-12-01
005 - Ciara feat Missy Elliott - 1,2, step.MP3 4718.9 KB 2009-12-01

1. Activate iTunes service in [Settings] – [Service] – [iTunes] menu.

iTunes
iTunes service recognizes and plays music files in the Music folder of all iTunes clients in the same network. This function cannot be used if inactivated.
iTunes Activation
Music folder below the Public Disk.
Save

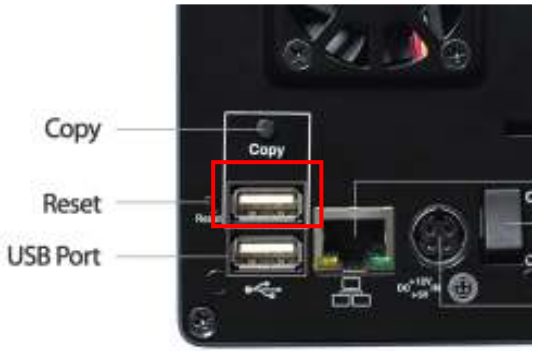
2. When executing **iTunes**, **e-TRAYz_music** is displayed in share item on the left menu. This display all audio files located in Music folder of e-TRAYz. If there is a lower folder, all files in the folder are displayed as well.
3. In case Korean or other letters break, this is a problem related to id3tag. Modification in **UTF-8** type is required by using id3tag editor. (Ex. you may download and use a Mp3tag freeware)

4. Music(iTunes) folder is updated periodically by using Update Interval that you set up in [Settings]-[Service]-[iTunes] menu. The file list may be renewed if you click the 'List update' button at the bottom of the page.

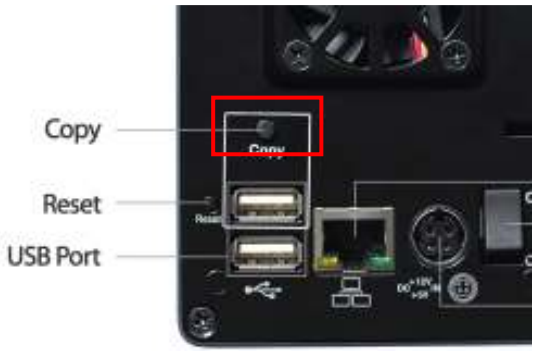
Setting up update interval of iTunes list
This function updates iTunes file list in Public Disk/Music folder from iTunes program of PC periodically.
If you set up Update Interval of iTunes list, you can use and play latest iTunes file list.
Update Interval of iTunes list
05 minute
If 'HDD Sleep mode' is activated, you can't set up 'Update Interval of iTunes list'. If you want to update the iTunes list, click 'Rescan Now' button by manually.
List Update
Save

USB Auto copy

In case you execute USB Auto Copy, the files in USB device are backup automatically in USB_Copy folder of e-TRAYz disk.



1. Connect The USB device to USB 2.0 Port of e-TRAYz device. (If you connect it to USB 1.1 port, USB autocopy is not excuted.



2. Press the Copy on the back of the device for about a second. It begins copying from the USB device to USB_Copy folder along with a beep sound.
3. If backup is finished, two beep sound will be produced.
4. During the copy, this button is pressed for 3 sec and released the copy stopped with 2 beeps.

6. You can see the backup folder created with combination of data and time at 'Public Disk / **USB_Copy'** folder.

Personal Homepage

1. After you connect e-TRAYz connector or e-TRAYz web, you upload relating files with homepage on www folder, located in subordinated 'e-TRAYz Disk'.
2. Rename the pre-existing file named 'index.php' (e.g. to 'index.php_')
3. In case you use MySQL, you connect sysadmin by using SSH, and you input 'mysql_u root_p mysql'. There is no password.
4. After you connect MySQL, please nominate root password for mysql.
5. When you enter 'http://IP address of the device:8000' , you can see you homepage.
6. The e-TRAYz home can be accessed with 'http://IP address of the device(or domain):8080'.
7. In case you make any changes the settings of the Apache web server or PHP, on which the existing services depend, you should take precautions, and make sure you back up the existing settings before making any changes.

Appendix

Application

When you want to share audio files with iTunes.

- Store any MP3 file in the music(iTunes) folder under the open folder.
- Run the iTunes program in your computer.
- The name 'eTRAYz-Music' will show up automatically as a shared item.
- The list of MP3 files stored in the music folder of the open folder appears.
- Play back any music file you want, and you can listen to the music on streaming (i.e. without downloading the whole file).
- **This is possible only when my computer is in the same network environment.**

If you want to share a USB printer at home or office

- Connect a USB printer to the server.
- Search the IP address of the servers on my computer and you will see a printer named 'Lp'.
- Connect this printer.
- You need to install a Windows printer driver for this printer to connect.
- The driver comes with the Windows operating system or is provided by the printer manufacturer.

When you want to share Public Disk and USB Device with other PC or Dvix Player.

- Create a new folder in Public Disk and save files. (e-TRAY Disk cannot support this function)
- Activate CIFS service at [Settings]-[Service]-[CIFS] page.
- Search the network folder for a media device with the network folder search function(ex. Divx Player..)
- A folder named 'Xtreamer e-TRAYz' or server name that is set at [Settings] – [System] page is found.
- You can play media files in the 'Home'

When you want to have your personal homepage

- After you connect 'e-TRAYz', you upload relating files with hompage on WWW folder, located in subordinated 'e-TRAYz Disk'.
- Rename the preexisting file named 'index.php' (e.g. to 'index.php_')
- When you enter the address(http://Xtreamer e-TRAYz IP address/) of the device, you can see you home page.
- In case you make any changes of the settings of the Apache web server or PHP, on which the existing services depend, you should take precautions, and make sure you back up the existing settings before making any changes.

If you want to use a wireless LAN

- Connect to a USB port a USB wireless device compatible with the product. (the upper is USB 2.0 and the lower is USB 1.1)
- Set wireless network at [Settings] – [System] – [Wireless Network] page.
- As the wireless is slower and less stable than the wired LAN, use the latter if possible.

When you want to back up a USB flash drive

- Insert a flash drive into a USB port.
- Click the COPY button on the front for 1 second. The copy start with a single beep.
- The files in the flash drive are copied to Public Disk / USB_copy' folder.
- The copied files are generated with the current time and the same file names
- A single beep will ring when the copy is completed.
- If the disk is out of space, the copy failed with double beep.
- During the copy, this button is pressed for 3 sec and released the copy stopped with double beep.

If you want to expand the disk capacity with an external USB disk

- Connect a external USB disk to a USB port(The upper is USB 2.0 and the lower is USB 1.1)
- If it is connected to the upper, it is mounted on 'USB 1', or if it is connected to the lower, it is mounted on 'USB 2' in External Disk.
- Any partitions in the disk will show up as part01, ...partN, in order.

If you want to keep the data safe

- The device supports the RAID 1 mirroring mode.
- Choose the mirroring mode at the time of installation if you keep the data in the disk safe.
- The mirroring mode is only meaningful when you have two separate disks.
- Even when you installed in a single disk but want to add another disk later on, you can expand the disk with the disk manager to build a mirroring.
- In the mirroring, a single set of data is written on two disks for added safety.
- When one disk is in error, you can fetch the date from the other disk.
- However, unlike the linear (expansion) mode, the mirroring mode slows down the speed of writing on the disk and lets you use only half the total physical disk space.

If you want to make a connection with a fixed name not IP Address

- Move to [Settings]-[System]-[Wired Network] page and find the DDNS part.
- Set any name you desire. (OOO.myetrayz.net)
- When the settings is complete, you can access with the name via internet. However, if the devices is hooked to a IP sharer, make sure that you set DMZ or Portforwarding on the IP sharer.
- When the IP address of the IP sharer changes, you need to up date the address with the DDNS manage of the system administrator.

If you want to fine an IP address auto

- A Windows Xp or higher comes with a function to find a UPnP device in the network environment. If the UPnP is not active, activate it.
  - Click and run 'My Network Places' at Control Panel or Desktop.
  - Click 'Show icons for networked UPnP devices' menu at the right on 'My Network Places' page.
  - Check the contents of the windows is created, then 'Yes' button. Installation is in progress.
  - The name of this device is searched automatically.
  - Click this device and the web browser will start, getting the web page of this device. You can get the IP address from the address of the web page.

If you are Mac user.

- Using e-TRAYz Web
  - The e-TRAYz web lets you upload and download files.
  - It is recommended that you use Firefox for a web browser.
- Using AppleTalk
  - Try connecting the server with 'aftp://the device address/your account.'
  - When the authentication screen pops up, type in your account ID and password.
  - Your own domain is mounted to the finder.
- **Mac users cannot use a e-TRAYz client program using connector. (will support later.)**

If you want to use MySQL

- Information is as follows
  - MySQL version : 5.0.70
  - System root password : same as sysadmin's password
  - MySQL root password : none
- Procedure is as follows.
  1) e-TRAYz login using by SSh with root ID
  2) MySQL DB installation : /usr/bin/mysql_install_db
  3) MySQL start : /etc/init.d/mysqld restart
  4) MySQL root password change : /usr/bin/mysqladmin -u root password REAL_PASSWORD
  5) MySQL Login : mysql -u root -p REAL_PASSWORD mysql

FAQ

Not possible to install by the installation CD provided or setup file?

- Check if PC and device are in the same network band. In DOS, it can be checked if Ping is possible with the IP address of device. (For example, it is normal if response is produced after the command of 'ping IP address')
- Check if installation key has been correctly entered.
- Check if hard disk has been correctly mounted. (With normal status, the red LED is turned off)

Error occurred in the course of CD installation?

- Forcefully close installation programs in window admin.
- Reboot device and install again.

Installation does not proceed normally when entering installation key?

- Installation key input is case sensitive. Check for capital and small letters.

When reinstalling, installer cannot search network-attached device.

- First of all, you have to booting initialization for reinstallation. When the power switch is turned on while Reset button is pressing for 2~3 sec, a booting initialization is done.

Cannot login with e-TRAYz connector.

- Verify that IP address and port number is correct.
- Verify that IP sharer is set correcly if you use Domain using DDNS.

Cannot access to e-TRAYz Home(e-TRAYz webpage).

- Verify that program has been correctly installed.
- Verify that IP address(http://IP address:8080/) has been correctly entered. (If not enter the port number, you cannot access e-TRAYz home.)
- Verify that IP sharer is set correcly if you use Domain using DDNS.

Does not opened sharing windows at e-TRAYz connector.

- Verify that e-TRAYz home port has been correctly set at setting menu of connector. If you use another port not default port(8080), input the port number into Usesr port field.

Forgot password? : General Users

- Reguest a password initialization to administrator. Administrator click user ID at [Settings] – [Privileges] – [User] page. Initialize user's password. New password will be set as same as ID.

Forgot password? : Administrator

- Click **'Password initialization'** menu at the lower of password field. Enter installation key and click 'Clear' button. New password will be set as same as ID.

Want to know the firmware version.

- Access to e-TRAYz Home page. Firmware version is displayed at the top of screen. (ex. Ver.1.0.0)
- You can also see the version at [Settings] – [System] – [Upgrade] page too.

Can not the USB copy.

- Verify that USB disk has been correctly connected. Port for Copy function is the lower port of copy button.
- Make sure that e-TRAyz have enough capacity for USB copy.

Where is USB device connected e-TRAYz?

- The connected USB device is in the External Disk as USB1 and USB2.

Can not upload data to USB devices.

- Make sure that USB device have enough capacity.
- If a file system of USB device is NTFS, it is possible to upload or edit files to USB devie. Please use the USB device after formatted as FAT32 or XFS.

Want to upgrade Software.

- Move to [Settings] – [System] – [Upgrade] page. You can see all the firmware files. Upgrade firmware refer to [Settings] – [Firmware upgrade] menu of this manual.

Want to Shutdown system.

- Move to [Settings] – [System] – [Power] page. Choose 'ShutDown' and click 'OK' button.
- If you cannot access to 'Settings', Turn off the Power switch of device.

Can Mac or Linux users use it too?

- Mac or Linux users can use all of the Xtreamer e-TRAYz function except 'e-TRAYz' using e-TRAYz connector.

Where can I download the connector program?

- Access to e-TRAYz Home page(http://IP address of Xtreamer e-TRAYz:8080/). Click the 'e-TRAYz Connector' menu at the top of page, you can download it.

Is simultaneous connection with a single ID possible?

- Simultaneous connection with a single ID is possible. However, it is not recommended for stable operation.

What is the initial ID and PW of administrator?

- The initial ID and PW are sysadmin and sysadmin. For security, please change your password after login.

Trouble Shooting

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock. If a fault occurs, first check the points listed below before taking the system for repair.

In case Xtreamer e-Tayz cannot be accessed via Network

- Check network status and if network port is correctly connected.
- Check if access to Xtreamer e-TRAYz is blocked by firewall, etc.
- In case IP is not known, refer to 2) below.
- In case network setup is incorrect, refer to 3) below.
- If not falling within the previous points of 2) and 3) below, check for abnormalities in LED operation by checking LED status at the front of equipment.
- Request technical support if LED does not operate normally.

2) In case access is not possible due to forgetting IP address of Xtreamer e-TRAYz.

- A Windows Xp or higher comes with a function to find a UPnP device in the network environment. If the UPnP is not active, activate it.
  - Click and run 'My Network Places' at Control Panel or Desktop.
  - Click 'Show icons for networked UPnP devices' menu at the right on 'My Network Places' page.
  - Check the contents of the windows is created, then 'Yes' button. Installation is in progress.
  - The name of this device is searched automatically.
- Click this device and the web browser will start, getting the web page of this device. You can get the IP address from the address of the web page.

3) In case access to Xtreamer e-TRAYz is not possible at all due to incorrect network setup

- Click Reset button on the rear of device until the single beeping
- The network initialization is completed with 2 beeps.
- For the initialized network IP, refer to the section of network setting in manual.

4) Does not recognize Hard Disk(not turned off the RED LED)

- Make sure that the Hard disk is mounted the exact location.
- Please fix the HDD exactly.